

Detailed provisions on file formats

Norwegian Industrial Property Office (NIPO)

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Please note that:

The following file format requirements for trademarks are based on WIPO's standards, but with some further restrictions to ensure that the files may be shared with all jurisdictions. Use of other file formats than those listed in the following, may affect the date of delivery, cf. section 1 of the [Regulation on Fees](#).

The use of non-recommended formats may also result in manual control, delay in the case processing and/or lower quality. This also applies if you submit a file that is in line with WIPO standard, but which is non-recommended in the list below.

The file name extension, for example .jpg, must match the format of the file, such as JPEG.

1. File format requirements for new trademark applications and letters to existing applications

Mark type/document type	Format	File ending	Other requirements
Figurative elements of trademarks, including photo representation of non-traditional* trademarks See international standard – ST.67 (WIPO)	Portable Network Graphics	*.PNG	<ul style="list-style-type: none">• Maximum file size – 5 MB• Recommended max. – 1 MB• The background cannot be transparent (recommended background colour: white)
	JPEG	*.JPG	
Sound marks represented with an audio file See international standard – ST.68 (WIPO)	Audio file	*.MP3	<ul style="list-style-type: none">• Maximum file size – 5 MB• Max. two channels of audio per file

<p>Motion marks represented with a video file</p> <p>Multimedia marks (audiovisual file)</p> <p>Hologram marks represented with a video file</p> <p>See international standard – ST.69 (WIPO)</p>	Video	*.MP4	<ul style="list-style-type: none"> Maximum file size – 20 MB Accepted codex: <ul style="list-style-type: none"> AVC/H.264 MPEG-2/H.262 VP9 <i>(not recommended)</i> ** AV1 <i>(not recommended)</i> Examples of codex that are <u>not</u> accepted: MPEG-1, VP8 or HEVC/H.265
<p>Shape marks represented with 3D graphics</p> <p>See international standard – ST.91 (WIPO)</p>		*.X3D *.U3D *.STL *.STEP <i>(not recommended)</i> *.PRC <i>(not recommended)</i> *.IGES <i>(not recommended)</i> *.OBJ <i>(not recommended)</i>	<ul style="list-style-type: none"> Maximum file size – 50 MB Recommended max. – 10 MB Example of a format that is <u>not</u> accepted: 3DPDF
<p>Lists of goods and services</p> <p>NIPO recommend using list of pre-approved terms. See specific online service at https://search.patentstyret.no/Classification</p>	Microsoft Office Word	*.docx *.doc	<ul style="list-style-type: none"> Coded text Automatic conversion Low risk of losing content
	Open Office text	*.odt *.fodf	<ul style="list-style-type: none"> Coded text Automatic conversion Low risk of losing content
	Plain text or XML	*.txt *.xml	<ul style="list-style-type: none"> Special files for lists of goods and services: only when using recommended software or service from the NIPO or other authorities Direct storage in database without loss of content
<p>Priority documents (proof of previous submission to another authority)</p> <p>Power of Attorney, transfer of rights or other legal documents</p>	Adobe PDF	*.PDF	<ul style="list-style-type: none"> Coded text. PDF/A. Alternatively PDF v. 1.6, 1.7 or 1.8 NB! The file cannot contain animations, video or other multimedia objects
	Microsoft Office Word	*.docx <i>(not recommended)</i> *.doc <i>(not recommended)</i>	<ul style="list-style-type: none"> Coded text Conversion to PDF/A before archiving

Other documents	Open Office text	*.odt (<i>not recommended</i>) *.fodf (<i>not recommended</i>)	<ul style="list-style-type: none"> • Coded text • Conversion to PDF/A before archiving
	PDF	*.pdf (<i>not recommended</i>)	<ul style="list-style-type: none"> • PDF where the content is images

* JPEG and PNG can be used to represent several of the non-traditional mark types – for example as an alternative to representing a sound mark with MP3, motion or holograms with MP4 or shape marks with 3D graphics.

** In the list there are several formats that – for various reasons – are listed as “not recommended”. Use of non-recommended formats may result in manual checks, delays in the case processing and/or lower quality.

NB! NIPO does not rule out that other formats will be accepted in the future as a result of technological development, etc.

Please note that file formats other than those recommended here may be difficult to read and convert to the archive. Use of other file formats may also affect the filing date, cf. [Regulation on Fees Section 1](#).

2. Recommended file formats for new design applications and letters to existing applications

Recommended for purposes	File type	File ending	Comments/recommendations
<p>2D images of the design (pictures of the object, graphic representation, line drawings)</p> <p>Minimum size 3x4cm, Minimum resolution 72 dpi Recommended 8x8cm, 200dpi Maximum = 20x29cm, 200dpi Max resolution = 300dpi Max file size per image= 5 mb. (should avoid a file size larger than 1Mb) Greyscale: 8-bit Colour: 24-bit</p> <p>Note that:</p> <ul style="list-style-type: none"> - The format GIF (*.gif) is not authorized - 3D objects such as a coffee cup for example, should be represented in different viewing angles in 2D images. 	Portable Network Graphics	*.png	<ul style="list-style-type: none"> • No loss of content: Uncompressed • Not suitable for photography! • Will be converted to JPEG before publication • Suitable for graphic images, gives sharp lines • Archive format
	JPEG	*.jpg, *.jif	<ul style="list-style-type: none"> • Compressed (no risk of losing content “visually”) • Highly recommended for photographic productions • Risk of losing content before publication • Suitable for graphic images • Gives weaker streaks • Compression <ul style="list-style-type: none"> ○ Recommended= fine ○ Maximum= Medium
<ul style="list-style-type: none"> • Priority documents (proof of previous submission to another authority) • Power of Attorney, transfer of rights or other legal documents • Other documents 	Adobe PDF	*.pdf	<ul style="list-style-type: none"> • Coded text • Only PDF/A is recommended (can be managed at creation from the author of the text) • Alternatively, PDF v 1.6. 1,7 and 1.8 • Important! Can’t contain animations, videos and other multimedia objects
<p>Objects / models (animation, video, movement, 3D etc.)</p> <p>A file showing an image stream (video) or a 3D object will be handled as an example or a physical object. The file will not affect the rights and will be available to the public but will not be published.</p> <p>Video files in the format MPEG-1, VP8 or HEVC/H.265 will not be accepted.</p>	Image stream/ video:	*.mp4	<p>Video Codex limited to:</p> <ul style="list-style-type: none"> • AVC/H.264, or • MPEG-2/H.262 <p>See standard</p>
	Hologram	None	<ul style="list-style-type: none"> • See 2D images
	3D object	None	<ul style="list-style-type: none"> • Not supported today, watch video

See WIPO Standard ST.88			
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Not recommended (may cause manual control and/or lower quality)	File type	Fil ending	Comments/recommendations
2D images of the design	PDF	*.pdf	<ul style="list-style-type: none"> • Images uploaded to PDF • Will be converted to JPEG-images (with compression) • May cause some loss of visual quality
	TIFF (images of each side)	*.tiff *.pdf	<ul style="list-style-type: none"> • Images in TIFF format will be converted to JPEG for trademark applications. • Suitable only for plain 1-bit black and white representations (lines in black on white background) • Gives large files a risk of visual loss of content of the reproduction.
<ul style="list-style-type: none"> • Priority documents (proof of previous submission to another authority) • Power of Attorney, transfer of rights or other legal documents • Other documents 	Microsoft Office Word	*.docx *.doc	<ul style="list-style-type: none"> • Coded text • Conversion to PDF/A before archiving
	Open Office text	*.odt *.fodf	<ul style="list-style-type: none"> • Coded text • Conversion to PDF/A before archiving
	PDF	*.pdf	<ul style="list-style-type: none"> • PDF where the content is images

Please note that file formats other than those recommended here may be difficult to read and convert to the archive. Use of other file formats may also affect the filing date, cf. [Regulation on Fees Section 1](#).

3. Recommended file formats for new patent applications and letters to existing applications

Recommended for purposes	File type	File ending	Comments/recommendations
Text for the abstract, description, claims (and possibly drawings) <i>Use heading at the top of the new page (Norwegian/English):</i> Sammendrag/Abstract Beskrivelse/Description Krav/Claims Figurer/Drawings	Microsoft Office Word	*.docx	<ul style="list-style-type: none"> Coded text Highest degree of treatment ability. Can be directly converted to international standard XML for international announcement and sharing. Archived automatically to PRDF/A
	Open Office	*.odt, *.fodf	<ul style="list-style-type: none"> Coded text. Next highest degree of treatment ability. Requires additional conversion for international standard XML Archived automatically to PDF/A
Formats of Drawings for insertion in text documents <i>Images in colour cannot be published. Grey scale images must be converted to black and white before publication.</i>	No loss of content: Tagged image File format	*.tif *.tiff	<ul style="list-style-type: none"> Recommended black and white (1 bit) only, minimum 600dpi, according to ccitt g4 (international standard). High resolution gives sharper lines. Alternatively, in grayscale in LZW lossless conversion. Must be converted for publication that will result in loss of visual quality.
	Compressed JPEG	*.jpg *.jpeg *.jfif	<ul style="list-style-type: none"> Recommended black and white (1 bit) only, minimum 600dpi Alternatively, in grayscale: must be converted before publication that will cause loss of visual quality. Colours will result in great loss of visual quality
<ul style="list-style-type: none"> Priority documents (proof of previous submission to another authority) Power of Attorney, transfer of rights or other legal documents Other documents 	Adobe PDF	*.pdf	<ul style="list-style-type: none"> Only PDF/A is recommended (can be managed at creation from the author of the text) Alternatively, PDF v 1.6, 1.7 and 1.8 Important! Can't contain animations, gif's and other objects
Mathematical formulas or similar	Image	*.jpeg *.jpg *.tif *.tiff	<ul style="list-style-type: none"> Recommended to add formulas as figures in the final figure list. Reference to the formula can then be made in the description.
Sequence lists (genetic sequences, only for special disciplines) <i>Recommended use of free software BiSSAP or PatentIn.</i> NB: WIPO ST.25 will not be allowed after 1 st of January 2022	WIPO ST.26 XML	*.xml	<ul style="list-style-type: none"> Coded text database format Automatic conversion to database Special file naming from special software available from WIPO or EPO
	WIPO ST.25 Text	*.txt	<ul style="list-style-type: none"> Coded text form (tabular) Possibility of automatic transfer to db Special file naming from WIPO or EPO where software is available.

Not recommended (may cause manual control and/or lower quality)	File type	File ending	Comments/recommendations
Text for the abstract, description, claims (and possibly drawings) <i>Use heading at the top of the new page (Norwegian/English):</i> Sammendrag/Abstract Beskrivelse/Description Krav/Claims Figurer/Drawings	PDF	*.pdf	<ul style="list-style-type: none"> • Coded text/image (uncertain) • Must be specially processed with human control before conversion to international XML standard. • May cause OCR Processing • Risk of loss of content • Risk of unreadable file (many variants of the file format cannot be read). • Automatic archiving to PDF/A
	Microsoft Word	*.doc	<ul style="list-style-type: none"> • Coded text • Older proprietary format, which must be converted before archiving. • Risk of loss of content
	TIFF (images on each side)	*.tiff *.pdf	<ul style="list-style-type: none"> • Not coded text • Lowest processing ability and lowest quality • Requires manual control after OCR for conversion to international standard XML. • Automatic archiving to PDF/A
<ul style="list-style-type: none"> • Priority documents (proof of previous submission to another authority) • Power of Attorney, transfer of rights or other legal documents • Other documents 	Adobe PDF	*.pdf	<ul style="list-style-type: none"> • Only PDF/A is recommended (can be managed at creation from the author of the text) • Alternatively, PDF v 1.6, 1.7 and 1.8 • NB: Cannot contain animations, videos, audio and other objects, but only 2D images in black and white or in grey scale.
Mathematical formulas or similar	Image	*.jpeg *.jpg *.tif *.tiff	<ul style="list-style-type: none"> • Recommended to add formulas as figures in the final figure list. Then reference to the formula can be made in the description.
Sequence lists NB! Sequence lists in other formats than ST.26 (XML) will not be allowed after 1 st of January 2022. See recommendations above.	Word processing formats	*.doc *.docx *.odt *.fodf	<ul style="list-style-type: none"> • Coded text • Still not structured other than in visual form (table) • High risk of loss of content when converting to database
	PDF	*.pdf *.tiff *.tif	<ul style="list-style-type: none"> • PDF can be text coded but will still be processed with OCR and manual control. • Maximum risk of loss when reproducing information.

4. Other types of inquiries and letters

Recommended for purposes	File type	File ending	Comments/recommendations
All letters and documents with text, with or without graphics, figures and illustrations	Adobe PDF	*.pdf	<ul style="list-style-type: none"> • Only PDF/A is recommended (can be managed at creation from the author of the text) • Alternatively, PDF v 1.6, 1.7 and 1.8 • Important! Can't contain animations, audio and other multimedia objects.
All documents and attachments with information, tables and lists of information to be copied, processed, commented, modified or stored in database	Microsoft Office Word	*.docx	<ul style="list-style-type: none"> • Coded text • Highest degree of treatment ability. Can be directly converted to international standard XML for international announcement and sharing. • Automatic archiving to PDF/A
	Open Office	*.odt, *.fodf	<ul style="list-style-type: none"> • Coded text. Next highest degree of treatment ability. • Requires additional conversion for international standard XML • Automatic archiving to PDF/A
	Spreadsheet	*.xls *.xlsx *.ods *.fods	<ul style="list-style-type: none"> • Microsoft Office or Open Document spreadsheet formats • Can be archived after lossless conversion to PDF.
Figure formats for insertion in text documents and or as a separate file <i>NB: New images for new applications must obey to the specification of the application</i>	No loss of content: Tagged Image File format	*.tif *.tiff	<ul style="list-style-type: none"> • Recommended black and white (1 bit) only, minimum 600dpi, according to ccitt g4 (international standard). High resolution gives sharper lines. • Alternatively, in grayscale in LZW lossless conversion. Must be converted for publication that will result in loss of visual quality.
	Compressed: JPEG	*.jpg *.jpeg *.jfif	<ul style="list-style-type: none"> • Recommended black and white (1 bit) minimum 600dpi. • Alternatively, in grayscale: must be converted for publication that will cause loss of visual quality. • Colors will result in great loss of visual quality
	PDF	*.pdf	<ul style="list-style-type: none"> • Only PDF/A is recommended (can be managed at creation from the author of the text) • Alternatively PDF v 1.6, 1.7 and 1.8