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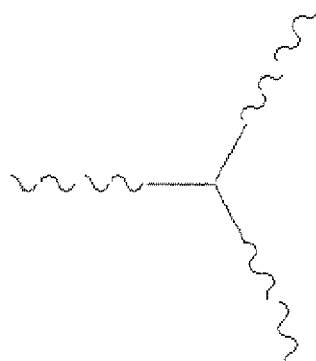
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(54) **Lithographic printing plate precursor, plate making method thereof and lithographic printing method thereof**

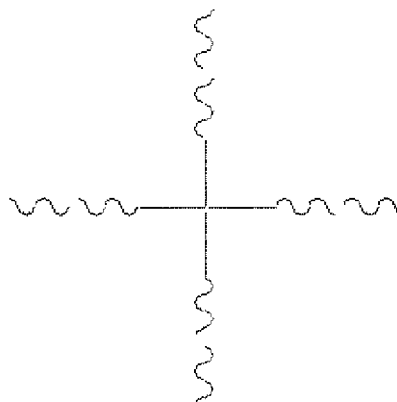
(57) A lithographic printing plate precursor includes: an image-recording layer containing a thermoplastic polymer fine particle, an infrared absorbing agent and a polymer compound; and a support having a hydrophilic sur-

face, and the polymer compound has a star-like shape in which a main chain is branched to three or more branches and the branched main chains have a hydrophilic group in a side chain of the branched main chain.

FIG. 1



THREE-BRANCHED



FOUR-BRANCHED



EUROPEAN SEARCH REPORT

Application Number
EP 11 19 1693

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	JP 2004 317543 A (FUJI PHOTO FILM CO LTD) 11 November 2004 (2004-11-11) * the whole document *	1-10	INV. B41C1/10
A	JP 2007 249036 A (FUJIFILM CORP) 27 September 2007 (2007-09-27) * the whole document *	1-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			B41C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 January 2013	Examiner Vogel, Thomas
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 19 1693

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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