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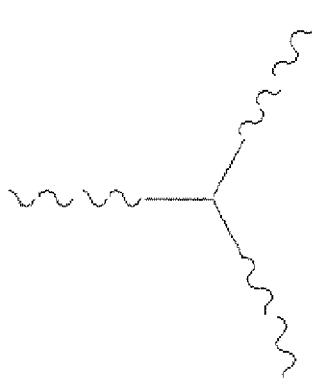
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(54) **Lithographic printing plate precursor, plate making method thereof and lithographic printing method thereof**

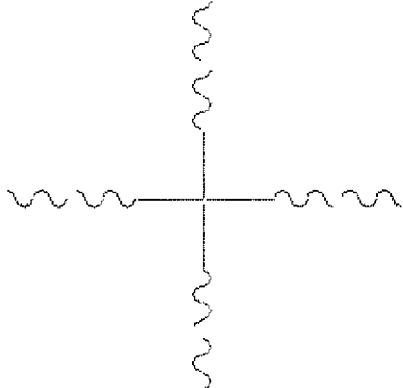
(57) A lithographic printing plate precursor includes: an image-recording layer containing a thermoplastic polymer fine particle, an infrared absorbing agent and a polymer compound; and a support having a hydrophilic sur-

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

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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	
The present search report has been drawn up for all claims			
2	Place of search Munich	Date of completion of the search 18 January 2013	Examiner Vogel, Thomas
CATEGORY OF CITED DOCUMENTS <p> <input type="checkbox"/> X : particularly relevant if taken alone <input type="checkbox"/> Y : particularly relevant if combined with another document of the same category <input type="checkbox"/> A : technological background <input type="checkbox"/> O : non-written disclosure <input type="checkbox"/> P : intermediate document </p> <p> <input type="checkbox"/> T : theory or principle underlying the invention <input type="checkbox"/> E : earlier patent document, but published on, or after the filing date <input type="checkbox"/> D : document cited in the application <input type="checkbox"/> L : document cited for other reasons <input type="checkbox"/> & : member of the same patent family, corresponding document </p>			

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

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