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(54) **Infrared sensitive composition**

(57) The invention provides an infrared sensitive composition included in an image recording material having a support and a photosensitive layer disposed on the support, the infrared sensitive composition being contained in the photosensitive layer, wherein after the photosensitive layer has been formed and the

infrared sensitive composition is exposed to an infrared laser, the infrared sensitive composition has an insolubilization rate within a range of 30% to 100% with respect to a mixed organic solvent containing methylethyl ketone and dimethyl-sulfoxide in a ratio of 1:1.

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 1 072 955 A (FUJI PHOTO FILM CO LTD) 31 January 2001 (2001-01-31) * claims * * paragraph [0012] * * paragraph [0121] - paragraph [0122] * * paragraph [0154] * * paragraph [0161] * -----	1-20	B41C1/10
A	US 6 033 737 A (GOTTSCHALK DANIEL C ET AL) 7 March 2000 (2000-03-07) * claims * * example 1 * * paragraph [0008] * * paragraph [0132] * * paragraph [0205] - paragraph [0207] * -----	1-20	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B41C B41M
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		19 November 2004	Martins Lopes, L
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 03 00 2502

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1072955	A	31-01-2001	JP 2001042508 A	16-02-2001
			JP 2001042538 A	16-02-2001
			EP 1072955 A2	31-01-2001
			US 6423462 B1	23-07-2002

US 6033737	A	07-03-2000	US 6180243 B1	30-01-2001

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