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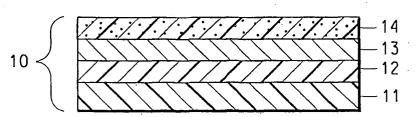
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(54) Thermal imaging elements having improved stability

(57) A thermally imageable element having a thermally imageable layer, wherein the thermally imageable layer has a thermal amplification additive and a stabilizer selected from the group consisting of amine type

compounds. These stabilizers present in thermally imageable layers maintain NIR stability during manufacture, and when the thermally imageable elements containing them are used in thermal imaging processes.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number EP 05 00 1463

Category	Citation of document with indicatio of relevant passages	n, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
Χ	EP 0 563 886 A (EASTMAN 6 October 1993 (1993-10 * page 4, line 1 - line	-06)	1,6	B41M5/38		
A	EP 0 761 466 A (EASTMAN 12 March 1997 (1997-03-* claims 1,2 *	KODAK CO) 12) 	1-14			
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)		
				B41M		
	The present search report has been dr	•				
	Place of search	Date of completion of the search	· ·			
	The Hague	17 March 2005	Mar	rtins Lopes, L		
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category		E : earlier patent of after the filing of D : document cited L : document cited	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document oited in the application L : document oited for other reasons			
A : technological background O : non-written disclosure P : intermediate document		& : member of the	& : member of the same patent family, corresponding document			

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

EP 05 00 1463

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-03-2005

Patent document cited in search report		Publication date		Patent family member(s)	Publicatio date
EP 0563886	A	06-10-1993	US DE DE EP JP	5219822 A 69301744 D1 69301744 T2 0563886 A1 6008642 A	15-06-1 18-04-1 31-10-1 06-10-1 18-01-1
EP 0761466	Α	12-03-1997	US EP JP	5620941 A 0761466 A1 9109564 A	15-04-1 12-03-1 28-04-1
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