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- © Calcium carbonate pigment for heat-sensitive recording paper, process for preparing same, coating composition for heat-sensitive recording paper and heat-sensitive recording paper.
- (57) Disclosed are a calcium carbonate pigment for heat-sensitive recording paper, the pigment having a BET specific surface area of about 17 to about 55 m²/g, an oil absorption of about 90 to about 220 ml/100 g as determined by the Ogura method and a surface acidity of solid substantially represented by the following equation (Z):

y=0.13 x + 31 (Z)

wherein x is a BET specific surface area (m^2/g) and y is a surface acidity of solid (μ mol/g); a process for preparing the pigment; coating compositions comprising said pigment each for forming an intermediate layer of heat-sensitive recording layer, and for a heat-sensitive recording layer thereof: and heat-sensitive recording papers obtained by application of the coating compositions.



EUROPEAN SEARCH REPORT

Application Number

ΕP 91 30 3976

Category	Citation of document with indication of relevant passages	, where appropriate,	Relevant to claim	CLASSIFICATION OF THI APPLICATION (Int. Cl.5)
P,Y	US-A-5 007 964 (R.TSUKISAKA E * column 1, line 8 - column 2 * column 3, line 44 - column * column 6, line 41 - column	, line 47 * 4, line 18 *	1-16	C09C1/02 B41M5/30 B41M5/40
D,Y	* claims * & JP-A-1 230 424 (SHIRAISHI C CO LTD)	ENTRAL LABORATORIES	1-16	
Y	US-A-2 198 223 (IRVING E. MUSKAT ET AL.) * page 1, column 1, line 53 - column 2, line 18		1-16	
	* page 1, column 2, line 40 - line 16 * * claims *	page 3, column 1,		
A	WORLD PATENTS INDEX Week 47, Derwent Publications Ltd., London, GB; AN 79-84890B/47		1,3,5,6	
	& JP-A-54 131 599 (SHIRAISHI October 1979 * abstract *	KOGYO KK) 12		TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	GB-A-684 016 (SÄUREFABRIK SCHWEIZERHALL) * page 1, line 19 - page 2, line 40 * * claims 1,4 *		3,5,6	C09C B41M
	The present search report has been drawn Place of search THE HAGUE	wn up for all claims Date of completion of the search 24 JUNE 1992	VAN	Brandser DER POEL W.
X : pai Y : pai doc	CATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with another ument of the same category hnological background n-written disclosure	E : earlier patent after the filing D : document cite L : document cite	d in the application for other reasons	lished on, or