

Title (en)  
CATIONICALLY MODIFIED PIGMENTARY DISPERSION AND COATING COLOUR

Publication  
**EP 0307795 A3 19891213 (DE)**

Application  
**EP 88114669 A 19880908**

Priority  
DE 3730833 A 19870914

Abstract (en)  
[origin: EP0307795A2] A cationically modified pigment dispersion which is particularly suitable for the manufacture of coating colours for paper coating contains: (a) a pigment component consisting of calcium sulphate, talc and/or aluminium hydroxide or containing these as the main constituent or extender (b) a cationic polymer or a quaternary ammonium compound as dispersant and/or (c) a cationic polymer which surrounds as a protective colloid the particles of the pigment component (a) and has been obtained from hydrophilic polyacrylates or polymethacrylates, degraded starches or degraded modified starches, degraded galactomannans or degraded modified galactomannans, methylcelluloses, hydroxymethylcelluloses, carboxymethylcelluloses, degraded alginates, proteins and/or polyvinyl alcohol.

IPC 1-7  
**D21H 1/22**

IPC 8 full level  
**C09C 3/10** (2006.01); **C09K 23/52** (2022.01); **D21H 19/38** (2006.01); **D21H 19/44** (2006.01)

CPC (source: EP)  
**D21H 19/44** (2013.01)

Citation (search report)  
• [A] BE 881397 A 19800729 - HERCULES INC  
• [A] CH 642980 A5 19840515 - HERCULES INC [US]  
• [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, Band 57, Nr. 4, Oktober 1986, Seite 610, Zusammenfassung Nr. 5438, Appleton, Wisconsin, US; & JP-A-85 215 895 (SUMITOMO NAUGATUCK CO. LTD) 29-10-1985

Cited by  
US5384013A; FR2730224A1; EP0509365A3; GB2287420A; GB2287420B; EP0401790A3; AU633321B2; CN105176142A; WO2006029883A3; WO9311300A1; WO02095130A1

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