

Title (en)
REDUCING FOAMING IN PAPER MANUFACTURE.

Title (de)
REDUZIERUNG VON SCHAUM BEI DER PAPIERHERSTELLUNG.

Title (fr)
DIMINUTION DE LA MOUSSE DANS LA PRODUCTION DE PAPIER.

Publication
EP 0512038 B1 19950222 (EN)

Application
EP 91903705 A 19910121

Priority
• GB 9100089 W 19910121
• GB 9008336 A 19900412
• GB 9001438 A 19900122

Abstract (en)
[origin: WO9110776A1] The use as a foam suppressant in alkaline or neutral paper making employing calcium carbonate as filler of a water soluble salt of a polybasic acid improves paper machine utilisation and reduces the formation of white pitches in the paper particularly when the paper is sized with an alkyl or alkenyl succinic acid anhydride and other reactive sizing compounds.

IPC 1-7
D21H 21/12

IPC 8 full level
D21H 17/14 (2006.01); **D21H 17/16** (2006.01); **D21H 17/17** (2006.01); **D21H 17/65** (2006.01); **D21H 21/12** (2006.01)

IPC 8 main group level
D21H (2006.01)

CPC (source: EP)
D21H 17/16 (2013.01); **D21H 17/17** (2013.01); **D21H 17/65** (2013.01); **D21H 21/12** (2013.01)

Citation (examination)
CA 1069742 A 19800115 - DORSET IND CHEMICALS LTD

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9110776 A1 19910725; AT E118848 T1 19950315; CA 2074066 A1 19910723; DE 69107611 D1 19950330; DE 69107611 T2 19950614; DK 0512038 T3 19950724; EP 0512038 A1 19921111; EP 0512038 B1 19950222; ES 2068570 T3 19950416; FI 923316 A0 19920721; FI 923316 A 19920721; JP H10502134 A 19980224; NO 922782 D0 19920714; NO 922782 L 19920918; PT 96547 A 19911015; PT 96547 B 19980731; YU 39791 A 19931116

DOCDB simple family (application)
GB 9100089 W 19910121; AT 91903705 T 19910121; CA 2074066 A 19910121; DE 69107611 T 19910121; DK 91903705 T 19910121; EP 91903705 A 19910121; ES 91903705 T 19910121; FI 923316 A 19920721; JP 50378791 A 19910121; NO 922782 A 19920714; PT 9654791 A 19910122; YU 39791 A 19910122