

Title (en)
Method of sizing paper.

Title (de)
Verfahren zur Leimung von Papier.

Title (fr)
Méthode d'encollage du papier.

Publication
EP 0014520 A1 19800820 (EN)

Application
EP 80300078 A 19800108

Priority
US 955479 A 19790205

Abstract (en)
A starch which has been reacted with a dicarboxylic acid anhydride such as octenyl succinic anhydride is applied to a formed paper web from the size press. The starch combines with a multivalent metal ion e.g. (aluminium) already present in the paper web to become hydrophobic, and thereby impart a high level of water resistance concentrated at the surface of the paper.

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D21H 3/28; **D21D 3/00**

IPC 8 full level
D21H 17/28 (2006.01); **D21H 19/34** (2006.01)

CPC (source: EP)
D21H 17/28 (2013.01)

Citation (search report)
• FR 2303114 A1 19761001 - NALCO CHEMICAL CO [US]
• FR 2370772 A1 19780609 - NAT STARCH CHEM CORP [US]

Cited by
CN116289293A; US4721655A; US4687519A; EP2762636A1; US5595631A; US5658378A; EP0743394A3; US11060044B2; US8017249B2; US9745700B2; US7101587B2; WO2008100688A1; WO2010151367A1; WO2008095654A1

Designated contracting state (EPC)
DE GB SE

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DOCDB simple family (application)
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