

Title (en)
Method of making paper.

Title (de)
Verfahren zur Herstellung von Papier.

Title (fr)
Méthode pour fabriquer du papier.

Publication
EP 0415385 B1 19951108 (EN)

Application
EP 90116567 A 19900829

Priority
JP 22387489 A 19890830

Abstract (en)
[origin: EP0415385A1] Disclosed is a method of making paper and paper board using a starch urea phosphate, which has a gelatinization temperature of 35 - 55 DEG C and contains phosphorus atoms chemically bonded to the starch in an amount of at least 0.4 % by weight and phosphorus atoms present as cold-water soluble phosphorous compounds in the starch in an amount of 0.1 % by weight or less.

IPC 1-7
D21H 19/54; **D21H 17/28**

IPC 8 full level
D21H 17/28 (2006.01); **D21H 19/54** (2006.01)

CPC (source: EP)
D21H 17/28 (2013.01); **D21H 19/54** (2013.01)

Cited by
EP3061599A1; EP3061600A1; US5641349A; CN104878648A; US5932017A; US5830884A; US5871756A; US5720822A; US9034478B2; US6221420B1; US6261376B1; WO9623104A1; WO2013026788A3; US6451121B2; US8758564B2; US9353482B2; WO2011015951A3; WO2011015948A3; US5718770A; FR2948696A1; CN102510802A; AU2010280469B2; US6706145B2; WO2011015948A2; WO2011015951A2; US9039651B2; US9139957B2; US9518360B2; US9896803B2; US10626557B2

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
EP 0415385 A1 19910306; **EP 0415385 B1 19951108**; DE 69023436 D1 19951214; DE 69023436 T2 19960404; JP 2788298 B2 19980820; JP H0390695 A 19910416

DOCDB simple family (application)
EP 90116567 A 19900829; DE 69023436 T 19900829; JP 22387489 A 19890830