

Title (en)

METHOD OF AGGLOMERATING PRINTING INK AND FORMULATIONS FOR USE THEREIN

Title (de)

VERFAHREN ZUR AGGLOMERIERUNG VON DRUCKTINTE UND ZUSAMMENSETZUNGEN DAFÜR

Title (fr)

PROCEDE POUR AGGLOMERER L'ENCRE D'IMPRESSION ET FORMULATIONS DESTINEES A CE PROCEDE

Publication

**EP 0749506 A1 19961227 (EN)**

Application

**EP 95912711 A 19950308**

Priority

- US 9502670 W 19950308
- US 20742394 A 19940308

Abstract (en)

[origin: WO9524526A1] A method of de-inking non-impact printed paper comprises contacting repulped paper with a formulation comprised of a derivatized ethylene oxide/propylene oxide polymer and a petroleum hydrocarbon distillate. The process separates the ink from the paper and agglomerates the separated ink into particles of a size sufficient that they can be efficiently removed from the paper fibers.

IPC 1-7

**D21C 5/02**

IPC 8 full level

**D21C 5/02** (2006.01)

CPC (source: EP)

**D21C 5/027** (2013.01); **Y02W 30/64** (2015.05)

Citation (search report)

See references of WO 9524526A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9524526 A1 19950914**; AU 3104895 A 19950925; BR 9507406 A 19970902; CA 2185007 A1 19950914; CN 1143399 A 19970219; CZ 260396 A3 19970212; EP 0749506 A1 19961227; FI 963483 A0 19960905; FI 963483 A 19960905; JP H10500739 A 19980120; MX 9603814 A 19970329; NO 963747 D0 19960906; NO 963747 L 19960906; NZ 282606 A 19980924; SK 113096 A3 19970205

DOCDB simple family (application)

**US 9502670 W 19950308**; AU 3104895 A 19950308; BR 9507406 A 19950308; CA 2185007 A 19950308; CN 95191972 A 19950308; CZ 260396 A 19950308; EP 95912711 A 19950308; FI 963483 A 19960905; JP 52354095 A 19950308; MX 9603814 A 19950308; NO 963747 A 19960906; NZ 28260695 A 19950308; SK 113096 A 19950308