

Title (en)

Legume starch stiltting material for carbonless papers used in offset printing presses and in copier/duplicators.

Title (de)

Leguminöse Stärke als Abstandshalter für köhlenstofffreie Papieren zur Verwendung in Offsetdruckpressen und in Kopierern/
Vervielfältigungsmaschinen.

Title (fr)

Amidon de légumes comme matériau d'espacement pour des papiers sans carbone utilisés dans une presse d'impression offset et dans des
copieurs/duplicateurs.

Publication

EP 0620121 A3 19951115 (EN)

Application

EP 94400803 A 19940413

Priority

US 4784893 A 19930415

Abstract (en)

[origin: EP0620121A2] The incorporation of refined legume starch granules, and particularly pea starch granules, into carbonless paper coatings, preferably CB (coated back) coatings, provides an unexpected improvement in smudge and scuff resistance when compared to the use of other commonly used stilt materials such as wheat starch. The incorporation of refined legume starch granules reduces press and copier contamination and provides a cleaner printed sheet when printed on offset printing presses, electrographic and electrophotographic copier/duplicators, and laser printers.

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B41M 5/124

IPC 8 full level

B41M 5/124 (2006.01)

CPC (source: EP)

B41M 5/1243 (2013.01)

Citation (search report)

- [A] US 4268069 A 19810519 - STOLFO JOHN J
- [AD] US 3996061 A 19761207 - JOHNSON DONALD L
- [AD] US 5084433 A 19920128 - KRAFT KEITH A [US]
- [A] US 4208460 A 19800617 - DAHLER PAUL [CH], et al

Cited by

EP3042782A1; CN106142885A; US8911593B2; US7781578B2; US9908356B2; WO2005021636A1; JP2007503500A

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