

Title (en)

Method and apparatus for coating a paper web

Title (de)

Verfahren und Vorrichtung zum Streichen einer Papierbahn

Title (fr)

Procédé et dispositif pour l'enduction d'une bande de papier

Publication

EP 0784120 A3 20040414 (DE)

Application

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Priority

- DE 4302437 A 19930129
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Abstract (en)

[origin: EP0609483A1] The invention relates to a method for coating a paper web of low strength (based on waste paper), with the following features: - the paper is coated on both sides; - the paper web is dried after the coating. The invention is characterised by the following features: - the coating is applied by means of two or more coating stations; - with the individual coating stations, only a part of the total coating quantity is applied, the parts of the individual coating quantities adding up at the end of the total coating process to the total coating quantity; - after each application of a partial coating quantity, the paper web is dried. <IMAGE>

IPC 1-7

D21H 23/56; **D21H 23/72**; **D21H 25/12**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 1804824 A1 19700527 - IND TECHNIK PLASTIKMASCHINEN G
- [DA] DE 8414413 U1 19871119
- [A] US 3952119 A 19760420 - BUHLER HELMUT
- [A] DE 8717966 U1 19920409
- [A] US 3203392 A 19650831 - EDWARDS BERNARD S
- [A] US 2334102 A 19431109 - KAUPPI TOIVO A, et al

Cited by

DE102009008589B4; EP1231321A3

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AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0609483 A1 19940810; **EP 0609483 B1 19970723**; AT E155839 T1 19970815; CA 2133311 A1 19940730; DE 59306972 D1 19970828; EP 0784120 A2 19970716; EP 0784120 A3 20040414; FI 944496 A0 19940928; FI 944496 A 19940928; FI 99155 B 19970630; JP H07505573 A 19950622; WO 9417244 A1 19940804

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