

Title (en)

Process and apparatus for the treatment of a paper or board web

Title (de)

Verfahren und Vorrichtung zum Behandeln einer Bahn aus Papier oder Karton

Title (fr)

Procédé et dispositif pour le traitement d'une bande de papier ou carton

Publication

EP 1571257 B1 20080220 (DE)

Application

EP 05100472 A 20050126

Priority

DE 102004010894 A 20040306

Abstract (en)

[origin: EP1571257A1] In a process to apply a coating (5) to e.g. a paper or cardboard web (2), the coating is discharged by a curtain coating assembly (4) and the web then advances via a steam jet discharge (11) station (10) to a broad nip calander (12). The glazing process is effected in an online process together with application of the coating. The broad nip has a length of 40 to 100 mm for coated graphic paper grades and 100 to 200 mm for coated carton grades. The paper or carton is glazed between two drums at a temperature of 170 to 250C and at a pressure of 20 MPa. The paper residence is 0.8 to 50 ms following exposure to steam for 10 to 100 ms. Also claimed is a commensurate assembly.

IPC 8 full level

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CPC (source: EP US)

D21G 1/006 (2013.01 - EP US); **D21G 9/009** (2013.01 - EP US); **D21H 25/14** (2013.01 - EP US)

Cited by

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