

Title (en)

Process for reducing the adhesion between a wet fibrous web and a rotating roller

Title (de)

Verfahren zur Verringerung der Haftung einer feuchten Faserstoffbahn an einer routierenden Walze

Title (fr)

Procédé pour diminuer l'adhésion entre une bande fibreuse humide et un rouleau rotatif

Publication

EP 0903437 A2 19990324 (DE)

Application

EP 98112932 A 19980711

Priority

DE 19741517 A 19970920

Abstract (en)

A steam cushion is formed between a fiber web (1) and a rotating roller (4). The roller (4) is heated to temperature higher than that required to dry the web (1) or for extracting water from it, giving a roller surface temp. of ≥ 120 degrees C. Steam is blown into the entry gap between the roller (4) and the web (1), the web (1) temp. being ≤ 70 degrees C and having a dry matter content of ≤ 60 %.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur Verringerung der Haftung einer feuchten Papier-, Textil- oder anderen Faserstoffbahn (1) an einer rotierenden Walze (4). Wesentlich ist dabei, daß zwischen der Walze und der Faserstoffbahn ein Dampfpolster erzeugt wird. <IMAGE>

IPC 1-7

D21F 3/02; **D21F 5/02**

IPC 8 full level

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