

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  $\geq 120$  degrees C. Steam is blown into the entry gap between the roller (4) and the web (1), the web (1) temp. being  $\leq 70$  degrees C and having a dry matter content of  $\leq 60$  %.

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

**D21F 3/02** (2006.01); **D21F 5/02** (2006.01); **F26B 13/04** (2006.01)

CPC (source: EP US)

**D21F 3/02** (2013.01 - EP US); **D21F 3/0272** (2013.01 - EP US); **D21F 5/02** (2013.01 - EP US)

Designated contracting state (EPC)

DE FI IT SE

DOCDB simple family (publication)

**EP 0903437 A2 19990324**; **EP 0903437 A3 20000405**; DE 19741517 A1 19990325; US 2001007279 A1 20010712; US 6436239 B2 20020820

DOCDB simple family (application)

**EP 98112932 A 19980711**; DE 19741517 A 19970920; US 15334498 A 19980915