Title (en)
Method of treating a fibrous web

Title (de)
Verfahren zur Behandlung einer Faserstoffbahn

Title (fr)
Procédé de traitement d'une bande fibreuse

Publication
EP 1460171 A3 20050525 (DE)

Application
EP 04101045 A 20040315

Priority
DE 10311993 A 20030319

Abstract (en)
[origin: EP1460171A2] In a process to dewater a moving web of paper or carton, the web runs at high speed with a dewatering felt between two contra-rotating drums (1, 2) forming a nip gap (N). The web then follows the contour of one drum (2) to a lift-off point (6) at which a gap (5) is formed between the web (3) and drum (2). Hot steam is injected into the gap, promoting separation of web from drum. The same steam separation process may also be used at a web drying or glazing station. The quantity of hot steam discharged into the gap is regulated.

IPC 1-7
D21F 3/02; D21F 5/04; D21G 1/00

IPC 8 full level
D21F 3/00 (2006.01); **D21F 3/02** (2006.01); **D21F 5/04** (2006.01); **D21F 7/00** (2006.01); **D21G 1/00** (2006.01); **D21G 7/00** (2006.01)

CPC (source: EP)
D21F 3/0272 (2013.01); **D21F 5/042** (2013.01); **D21F 7/008** (2013.01); **D21G 1/00** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1460171 A2 20040922; **EP 1460171 A3 20050525**; **EP 1460171 B1 20100120**; AT E455900 T1 20100215; DE 10311993 A1 20041014; DE 502004010655 D1 20100311

DOCDB simple family (application)
EP 04101045 A 20040315; AT 04101045 T 20040315; DE 10311993 A 20030319; DE 502004010655 T 20040315