

Title (en)  
Drying section

Title (de)  
Trockenpartie

Title (fr)  
Section de séchage

Publication  
**EP 1355003 A3 20040414 (DE)**

Application  
**EP 03100377 A 20030219**

Priority  
DE 10217571 A 20020419

Abstract (en)  
[origin: EP1355003A2] In a paper manufacturing process a wet web of paper or carton (16) passes (L) through a drying section (14) with a number of drying groups (10, 12) of which one is arranged in two rows. The web passes from a single-row drying group (10) through a transition zone (I) to a twin-row drying group (12). In an alternative embodiment the wet web passes from a single-row drying group through a transition zone (II) to two immediately sequential twin-row drying groups (12). Web material (16) in a transition zone (I, II) passes through a drying sieve (18) in the next twin-row drying group (12, 30) directly from the last drying cylinder (20) in the preceding drying group (10, 20). Web material (16) in the upper drying sieve (18) is passed to the subsequent twin-row drying group (12). In each case, web material is supported by a suction box (22) as it passes through a transition zone between two drying groups (10, 12)

IPC 1-7  
**D21F 5/04**

IPC 8 full level  
**D21F 5/04** (2006.01)

CPC (source: EP US)  
**D21F 5/04** (2013.01 - EP US); **D21F 5/042** (2013.01 - EP US)

Citation (search report)

- [DX] US 5673495 A 19971007 - JILEK RONALD F [US], et al
- [X] US 5600897 A 19970211 - SOLLINGER HANS-PETER [DE], et al
- [X] EP 0653515 A2 19950517 - VALMET PAPER MACHINERY INC [FI]
- [X] DE 4037661 C1 19911219

Cited by  
DE102007042820A1; EP2034091A1

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 PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1355003 A2 20031022; EP 1355003 A3 20040414; EP 1355003 B1 20080618**; AT E398702 T1 20080715; DE 10217571 A1 20031106; DE 50309993 D1 20080731; US 2003196345 A1 20031023; US 6823606 B2 20041130

DOCDB simple family (application)  
**EP 03100377 A 20030219**; AT 03100377 T 20030219; DE 10217571 A 20020419; DE 50309993 T 20030219; US 41862803 A 20030418