

Title (en)
PAPER MACHINE AND METHOD OF MANUFACTURING A PAPER WEB

Title (de)
PAPIERMASCHINE UND VERFAHREN ZUR HERSTELLUNG EINER PAPIERBAHN

Title (fr)
MACHINE A PAPIER ET PROCEDE DE PRODUCTION D'UNE BANDE PAPIER

Publication
EP 1071847 B2 20100127 (EN)

Application
EP 99910906 A 19990310

Priority
• SE 9900361 W 19990310
• SE 9800867 A 19980316

Abstract (en)
[origin: WO9947747A1] A paper machine for manufacturing a web (1), comprising a press section (3) with two double-felted presses (6, 7) having upper and lower press members (8, 9; 15, 16) defining first and second press nips, respectively, (N1, N2), an upper press felt (10, 17) which runs through the first press nip (N1) and second press nip (N2), respectively, and a lower press felt (13, 19) which runs through the first press nip (N1) and second press nip (N2), respectively, a first transfer zone (T1) being arranged between an upstream clothing (4) and the first press (6), a second transfer zone (T2) being arranged between the presses, and a third transfer zone (T3) being arranged between the second press (7) and a downstream clothing (22). According to the invention one of the press felts in each press, in an alternating relationship between the presses (6, 7), is arranged to pick up the paper web in the transfer zone (T1, T2) situated upstream of the press nip belonging to it, the press felts (10, 19) used as pick-up felts also carrying and transferring the web from the press nip belonging to it to the following transfer zone (T2, T3).

IPC 8 full level
D21F 3/00 (2006.01); **D21F 2/00** (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01)

CPC (source: EP)
D21F 2/00 (2013.01); **D21F 3/04** (2013.01); **D21F 3/045** (2013.01)

Citation (opposition)
Opponent :
• DE 29701382 U1 19970320 - VOITH SULZER PAPIERMASCH GMBH [DE]
• EP 0930392 A2 19990721 - VOITH SULZER PAPIERTECH PATENT [DE]

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
WO 9947747 A1 19990923; AT E232920 T1 20030315; DE 69905457 D1 20030327; DE 69905457 T2 20030911; DE 69905457 T3 20100708; EP 1071847 A1 20010131; EP 1071847 B1 20030219; EP 1071847 B2 20100127; SE 511667 C2 19991108; SE 9800867 D0 19980316; SE 9800867 L 19990917

DOCDB simple family (application)
SE 9900361 W 19990310; AT 99910906 T 19990310; DE 69905457 T 19990310; EP 99910906 A 19990310; SE 9800867 A 19980316