Title (en)

Wet section for making a multilayer fibrous web

Title (de)

Siebpartie zur Herstellung einer mehrlagigen Faserstoffbahn

Title (fr)

Partie humide pour la fabrication d' une bande fibreuse à plusieurs couches

Publication

EP 1388608 A3 20050209 (DE)

Application

EP 03102034 A 20030708

Priority

DE 10231512 A 20020712

Abstract (en)

[origin: EP1388608A2] A papermaking machine has a sieve section where two layers of fibrous web join at a merging point (10) to form a single web. Prior to the merging point, a belt (4) bearing one fibrous layer passes around a redirection drum (23) to leave in a downwards direction towards the lowest part (11) of the merging point, which is below that of the belt (4) plane (E) before reaching the merging zone. The assembly is a papermaking machine which manufactures a multi-layered web of paper, carton or tissue from one or more fibrous suspensions (3.1, 3.2). One layer of fibres (5) is surrendered to a first belt (4) which passes between a twin sieve (6) with upper (7) and lower (8) belts, in which a second layer of fibres (9) is created. The assembly further has a merge section (10), in which the first (5) and second (9) layers are brought together, forming a single web (2). As seen in the direction (L) of belt (4) travel the twin sieve section (6) is located prior to the merging section (10). The second fibrous layer (9) on the first sieve (upper sieve; 7) enters the merging section (10) at an angle of less than 90 to the other belt (4).

IPC 1-7

D21F 11/04; D21F 9/00

IPC 8 full level

D21F 9/00 (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP)

D21F 9/003 (2013.01); **D21F 11/04** (2013.01)

Citation (search report)

- [A] US 6159341 A 20001212 - EGELHOF DIETER [DE], et al
- [A] WO 9205310 A1 19920402 - TAMPELLA PAPERTECH OY [FI]
- [A] US 5468348 A 19951121 - BLACKLEDGE JAMES [GB], et al

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EP2228489A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1388608 A2 20040211; **EP 1388608 A3 20050209**; DE 10231512 A1 20040122

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EP 03102034 A 20030708; DE 10231512 A 20020712