

Title (en)

Twin-wire former for a machine for manufacturing a fibrous web

Title (de)

Doppelsiebformer für eine Maschine zur Herstellung einer Faserstoffbahn

Title (fr)

Section de formage à deux toiles pour machine de fabrication d'une bande de matériau fibreux

Publication

EP 1586702 B1 20090701 (DE)

Application

EP 05102625 A 20050404

Priority

DE 102004018329 A 20040413

Abstract (en)

[origin: EP1586702A1] A papermaking assembly has a blade gap former with two endless sieve belts (3, 4) which are both deflected by the circumference (5, 6) of a breast roller (7.1, 8.1). The sieves then form a wedge-like inlet gap (10) into which a fibrous suspension (13) is discharged as a jet (12). The jet impinges (14(3, 14(4) at a number of points on the two sieves (3, 4). The sieves subsequently form a sandwich either side of the fibres and feed through a sequence of forming and dewatering stations. The impingement station (9) is a shoe (9.1) with a coating (28) with a series of strips (29.1-29.6) in-line with the direction of sieve travel (S). The gaps between the strips incorporated water drain holes (30.1-30.5), each in contact with the circulating sieve belt (3) within a housing (32). The housing base panel (33) is in contact with the breast roller.

IPC 8 full level

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CPC (source: EP)

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Cited by

WO2011116999A1; DE102008040948A1; WO2010012676A3; DE102010003320A1

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