

Title (en)

Machine for the manufacture of a fiber web

Title (de)

Maschine zur Herstellung einer Faserstoffbahn

Title (fr)

Machine pour fabriquer une bande de matière fibreuse

Publication

EP 1637651 A1 20060322 (DE)

Application

EP 05106906 A 20050727

Priority

DE 102004044570 A 20040915

Abstract (en)

The lower support sieve (2, 27) has a greater thickness than the upper sieve (3, 28), which is up to 0.63 mm thick. The void volume of the upper sieve is $400\text{ cm}^3/\text{m}^2$. Support sieve thickness is 0.70 mm or less and its void volume is $400\text{ cm}^3/\text{m}^2$ or less. Its open area is 32% or more and its air-permeability is 360-400 cfm. The number of empty spaces within the support sieve and/or the upper sieve, on the side facing the web, is less than or equal to their number on the opposite side, in each case. Adjustable strips are located on the upper and/or lower sieves. The fibrous paper web is produced at 1550 m/min or more. An independent claim is included for the corresponding method of making a fibrous web.

IPC 8 full level

D21F 9/00 (2006.01)

CPC (source: EP US)

D21F 9/003 (2013.01 - EP US)

Citation (search report)

- [X] DE 202004002985 U1 20040422 - VOITH PAPER PATENT GMBH [DE]
- [AD] DE 3938159 A1 19910523 - OBERDORFER FA F [DE]
- [A] GB 1470173 A 19770414 - INT PAPER CO
- [A] DE 2548793 A1 19770407 - ESCHER WYSS GMBH

Designated contracting state (EPC)

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