

Title (en)

APPARATUS FOR FORCING A TREATING MATERIAL THROUGH A TEXTILE MATERIAL

Publication

EP 0315961 B1 19921104 (DE)

Application

EP 88118599 A 19881109

Priority

- DE 3738117 A 19871110
- DE 3802791 A 19880130
- DE 3821330 A 19880624

Abstract (en)

[origin: EP0315961A2] In a permeable screen drum for the preferably thermal treatment of textile material, fleeces, or especially paper, the drum outer surface consists of a honeycomb structure produced from axially aligned and essentially radially extending sheet-metal strips which are non-bent and which have adjacent to them respective sheet-metal strips bent in a zigzag-shaped manner. The connection at the points of contact with the straight sheet-metal strips is made by means of rivets. These rivets can also be replaced by screws. However, the permeable drum can also consist merely of the narrow sheet-metal strips and additional narrow webs. The webs are aligned in the circumferential direction and are part of the connecting elements carrying the screen-like lining and located between the sheet-metal strips. The connecting elements also serving as spacers are made in one piece and connect two adjacent sheet-metal strips. The connection between the spacers and the sheet-metal strips is made by means of screws. The screws can also be headless. The adjacent ends of two screws succeeding one another in the circumferential direction are then screwed into a nut which can itself be surrounded by a suitable connecting element. <IMAGE>

IPC 1-7

D06B 5/08

IPC 8 full level

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CPC (source: EP)

D06B 23/025 (2013.01); **D21F 5/182** (2013.01)

Cited by

US7143525B2; US7841103B2; EP1550768A3; DE102018119570A1; FR2644181A1; EP0385208A1; EP0753619A3; EP1612328A1; AU2005202714B2; US7331120B2; US11788220B2; WO02093096A1; WO2005047587A1

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