

Title (en)
METHOD AND APPARATUS FOR DUST REMOVAL FROM FIBRE MATERIAL

Publication
EP 0172369 B1 19890315 (DE)

Application
EP 85108170 A 19850702

Priority
DE 3429024 A 19840807

Abstract (en)
[origin: US4700431A] Fiber material is conveyed over a sieve-like surface to remove dust from material. The fiber material is thereby exposed to a suction airstream which is guided through the sieve-like surface and which is guided away from the fiber material at an acute angle which is formed opposite to the fiber transport direction. The fiber material may be aligned in parallel before it is exposed to the suction airstream. In order to orient the suction airstream at the desired acute angle relative to the fiber transport direction, the fiber material is guided over sieve orifices which are inclined at the acute angle opposite to the fiber transport direction.

IPC 1-7
D01H 7/895; **D01G 15/34**; **D01G 9/20**

IPC 8 full level
D01G 9/00 (2006.01); **D01G 9/20** (2006.01); **D01G 15/34** (2006.01); **D01G 15/82** (2006.01); **D01H 4/36** (2006.01)

CPC (source: EP US)
D01G 9/20 (2013.01 - EP US); **D01G 15/34** (2013.01 - EP US); **D01H 4/36** (2013.01 - EP US)

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Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0172369 A2 19860226; **EP 0172369 A3 19860305**; **EP 0172369 B1 19890315**; BR 8503705 A 19860506; CS 276712 B6 19920812; CS 554485 A3 19920318; DE 3429024 A1 19860220; DE 3429024 C2 19860821; DE 3568807 D1 19890420; HK 100691 A 19911220; IN 166213 B 19900331; JP H0373659 B2 19911122; JP S6147828 A 19860308; SG 86991 G 19920214; US 4700431 A 19871020

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