

Title (en)
CLEANING MACHINE FOR FIBRE MATERIAL

Publication
EP 0108229 B1 19871111 (DE)

Application
EP 83109385 A 19830921

Priority
CH 644582 A 19821105

Abstract (en)
[origin: US4507827A] The cleaning machine for fiber material has an opening roller provided with clothing. The cleaned fibers are again removed from the clothing into a suction chamber by means of a screening member containing a screening wall provided with a nose. The invention improves the clean separation or detachment of the fiber material from the clothing in comparison with the known arrangements, avoids collection of fibers at the nose of the screening member, and, in particular, requires a smaller quantity of suction air in the suction duct leading away from the suction chamber. To achieve this the mutual spacing of the screening wall and roller envelope or outer surface increases in a direction away from the nose in the direction of rotation of the opening roller towards the rearward end of the screening wall.

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D01G 9/18; **D01H 7/895**

IPC 8 full level
D01G 9/06 (2006.01); **D01G 9/18** (2006.01); **D01G 9/20** (2006.01); **D01H 4/36** (2006.01)

CPC (source: EP US)
D01G 9/18 (2013.01 - EP US); **D01H 4/36** (2013.01 - EP US)

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EP 83109385 A 19830921; DE 3374423 T 19830921; IN 1210CA1983 A 19831001; JP 20498083 A 19831102; US 54486083 A 19831024