

Title (en)
CLEANING MACHINE FOR TEXTILE FIBRES

Publication
EP 0379726 B1 19920722 (DE)

Application
EP 89123946 A 19891227

Priority
CH 24289 A 19890126

Abstract (en)
[origin: JPH02229220A] PURPOSE: To sufficiently separate even fine dustlike dirt from a textile material by installing walls permeable to air and the dust between a horizontally placed opening roller and the ceiling of an opener and connecting the ceiling to a suction pipe. CONSTITUTION: This dust cleaning machine for textile fibers is obtained by horizontally installing an opening roller having a beater 3 in the interior of a casing 2, arranging grid bars 4 and 5 with a slight distance from the undersurface of the roller 1, forming walls 6, 7 and 8 of a material permeable to air and dust above the opening roller 1, boring openings in the walls 6, 7 and 8, connecting the openings to an inflow port 9 and an outflow port 10 for an air stream for conveying fibers, protrusively installing a guide plate 11 obliquely to the shaft of the roller 1 on the undersurfaces of the walls 6, 7 and 8, boring an opening in the ceiling 2a of the casing 2 and connecting a suction pipe 15 thereto.

IPC 1-7
D01G 9/04

IPC 8 full level
D01G 9/04 (2006.01)

CPC (source: EP US)
D01G 9/04 (2013.01 - EP US)

Cited by
CN105780200A; DE19630018A1; EP0464441A1; CN106012112A; US5319830A; CN103993392A; EP2336405A1; WO2006047897A1; EP3431641A1

Designated contracting state (EPC)
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EP 89123946 A 19891227; DE 58901892 T 19891227; JP 1076190 A 19900122; US 47068490 A 19900126