

Title (en)

Scarifier with suction and handling device for dust

Title (de)

Fräsmaschine mit einer Vorrichtung zum Absaugen und Verarbeiten von Staub

Title (fr)

Machine de fraisage avec un dispositif d'aspiration et de traitement de poussières

Publication

EP 0971075 B1 20051109 (EN)

Application

EP 99113115 A 19990707

Priority

IT VI980132 A 19980709

Abstract (en)

[origin: EP0971075A1] The invention produces a dust handling device on a self-driven scarifier that includes a milling drum, a conveyor belt for the material broken up and an elevator belt. The device includes: a tunnel-like hood (5) covering at least the conveyor belt (3); a housing (4) enshrouding the milling drum (2; 21) and demarcating at least one suction area (9) located to the rear and top of the milling drum and covering the whole width of the drum, and two upper lateral areas (8; 8') that enfold said milling drum and that are connected with said suction area (9); a duct (10) that links said suction area (9) with the inlet (71) of a centrifugal fan (7); a centrifugal fan (7), with its outlet (74) connected to a filter (11) designed to withhold the solid components of the dust and fumes. <IMAGE>

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IPC 8 full level

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E01C 23/088 (2013.01); **E01C 2301/50** (2013.01)

Cited by

WO03100172A1; CN114808627A; DE102004007716B3; CN103669187A; CN112136391A; CN107264650A; US8985701B2; DE10047443A1; DE10047443C2; EP4296430A1; DE10223819A1; DE10223819B4; US7219964B2; US8349835B2; EP1367176A1; WO2010045952A1; US8220875B2; US7422390B2

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