

Title (en)

Device for washing out and sorting organic, loamy and other impurities from continuously supplied coarse and fine granular solids

Title (de)

Vorrichtung zum Auswaschen und Sortieren von organischen, lehmartigen und sonstigen Verunreinigungen aus fortlaufend zugeführten gross- und feinkörnigen Feststoffen

Title (fr)

Dispositif d' élimination et tri d' impuretés organiques, argileuses et similaires dans des matières solides à grains gros et fins amenées en continu

Publication

EP 0900596 B1 20031119 (DE)

Application

EP 98116411 A 19980829

Priority

DE 19738676 A 19970904

Abstract (en)

[origin: EP0900596A2] By feeding the raw material in the feed chute (4) in the direction of travel of the conveyor (2) and laying out the feed chute in a cascade-like manner in a number of steps (14), between which shower jets (5) wet the material, the clean and raw products remain separate. The plates forming each step are fitted with end plates which retain material at the rear, upper, end; the feed chute is fitted with a shaker motor (15) and an eccentrically running roller (13) agitates the conveyor band in the wash trough area (8).

IPC 1-7

B03B 5/00

IPC 8 full level

B03B 5/00 (2006.01); **B03B 11/00** (2006.01)

CPC (source: EP US)

B03B 5/00 (2013.01 - EP US); **B03B 11/00** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0900596 A2 19990310; EP 0900596 A3 20000913; EP 0900596 B1 20031119; AT E254507 T1 20031215; DE 19738676 C1 19990624; DE 59810209 D1 20031224; DK 0900596 T3 20040329; JP H11128765 A 19990518; US 6059120 A 20000509

DOCDB simple family (application)

EP 98116411 A 19980829; AT 98116411 T 19980829; DE 19738676 A 19970904; DE 59810209 T 19980829; DK 98116411 T 19980829; JP 25121398 A 19980904; US 14562698 A 19980902