

Title (en)

GRADATION METHOD AND DEVICE FOR SOIL MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SIEBEN VON ERDMATERIALEN

Title (fr)

PROCEDE ET DISPOSITIF DE TAMISAGE DE SOL

Publication

EP 0724489 B1 19990602 (EN)

Application

EP 94928411 A 19941006

Priority

- FI 9400446 W 19941006
- FI 934662 A 19931022

Abstract (en)

[origin: WO9511093A1] This publication discloses a disk screen and method of its operation, said screen and method being suited for the screening of all types of soil including sticky clay soil. The screen is comprised of a plurality of parallel rotatable shafts (3) having intermeshing screen disks (4) adapted on them. The outer perimeter of the disks (4) is provided with ripping teeth (5) suited to rip off material from the raw feed. The shafts (3) of the disk screen are rotated cyclically in opposite directions of rotation, whereby the soil mass to be screened stays on the screen deck and will be ripped from its underside by virtue of the repetitive reversals of direction of rotation into screenable soil.

IPC 1-7

B07B 1/14

IPC 8 full level

B07B 1/15 (2006.01); **B07B 13/18** (2006.01)

CPC (source: EP)

B07B 1/15 (2013.01); **B07B 13/18** (2013.01)

Designated contracting state (EPC)

BE DE DK FR GB NL SE

DOCDB simple family (publication)

WO 9511093 A1 19950427; AU 7784994 A 19950508; DE 69418890 D1 19990708; DE 69418890 T2 19991223; DK 0724489 T3 19991206; EP 0724489 A1 19960807; EP 0724489 B1 19990602; FI 934662 A0 19931022; FI 934662 A 19950423; FI 94729 B 19950714; FI 94729 C 19951025

DOCDB simple family (application)

FI 9400446 W 19941006; AU 7784994 A 19941006; DE 69418890 T 19941006; DK 94928411 T 19941006; EP 94928411 A 19941006; FI 934662 A 19931022