Title (en)
Soil sifting device

Title (de)
Siebvorrichtung für Erde

Title (fr)
Dispositif pour le criblage de terre

Publication
EP 0972435 A3 20000202 (EN)

Application
EP 99303653 A 19990511

Priority
GB 9810097 A 19980513

Abstract (en)
[origin: GB2337216A] The soil sifting drum (trommel; Figure 1) comprises an inclined rotatable mesh cylinder, the upper end of which is open to be fed with soil, perhaps from a hopper. At its lower end the bottom plate B comprises a shallow helix of 450# which causes oversized rejects to be retained in the drum during normal rotation, but which permits said rejects to be discharged if the drum is rotated in the opposite direction. Optionally baffles are fitted inside the drum to increase residence time, and the meshes can be changed for different grading operations. The drum is mounted on a chassis with two wheels, and is driven either by a hand crank, or by a motor (electric or petrol).

IPC 1-7
A01B 1/00; B07B 1/24

IPC 8 full level
B07B 1/24 (2006.01)

CPC (source: EP)
B07B 1/24 (2013.01)

Citation (search report)
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- [A] WO 9204135 A1 19920319 - CARLSSON DAGNY [SE]

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
GB 2337216 A 19991117; **GB 9810097 D0 19980708**; EP 0972435 A2 20000119; EP 0972435 A3 20000202

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GB 9810097 A 19980513; EP 99303653 A 19990511