

Title (en)

METHOD FOR SCREENING SOIL AND A SCREENING DEVICE

Title (de)

VERFAHREN ZUM SIEBEN VON ERDREICH UND SIEBVORRICHTUNG

Title (fr)

PROCEDE DE TAMISAGE DU SOL ET DISPOSITIF DE TAMISAGE

Publication

**EP 1615727 B1 20100324 (EN)**

Application

**EP 04726528 A 20040408**

Priority

- FI 2004000218 W 20040408
- FI 20030530 A 20030409

Abstract (en)

[origin: WO2004089557A1] A method for screening of soil removed from the ground and transporting it off the site by means of a scoop or a similar soil-processing device, in which method screening is carried out by means of a screening device (9, 12) connected to the scoop and formed of several shafts (9) and of discs (12) fixed to them. Soil is removed with the scoop under water by means of the scoop motion, whereby soil and water get moved towards the screening device (9, 12), essentially deviating from the horizontal and most suitably located in an essentially tilted or vertical direction, and through it and by means of pump (4) in the device soil and water is sucked through said screening device and pumped further into outlet tube (3) or similar.

IPC 8 full level

**B07B 1/14** (2006.01); **B07B 1/15** (2006.01); **E02F 3/40** (2006.01); **E02F 3/92** (2006.01); **E02F 7/06** (2006.01)

CPC (source: EP)

**B07B 1/15** (2013.01); **E02F 3/407** (2013.01); **E02F 3/9281** (2013.01); **E02F 7/06** (2013.01)

Cited by

EP2018457A4; WO2007132065A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004089557 A1 20041021**; AT E461757 T1 20100415; DE 602004026168 D1 20100506; EP 1615727 A1 20060118; EP 1615727 B1 20100324; FI 113846 B 20040630; FI 20030530 A0 20030409

DOCDB simple family (application)

**FI 2004000218 W 20040408**; AT 04726528 T 20040408; DE 602004026168 T 20040408; EP 04726528 A 20040408; FI 20030530 A 20030409