

Title (en)

Mixing tool for treating a portion of soil

Title (de)

Mischgerät zur Verarbeitung eines Bodenteils

Title (fr)

Outil mélangeur pour le traitement d'une portion de sol

Publication

EP 1878833 B1 20130904 (FR)

Application

EP 07111964 A 20070706

Priority

FR 0652937 A 20060712

Abstract (en)

[origin: EP1878833A1] The tool (10) has a retractable arm (20) presenting deployed and retracted positions such that scale of a lower end of the tool is higher than diameter of a tube (12) to allow the processing of a soil portion (16) by the rotation of a longitudinal rotating shaft (18) when the arm is in the deployed position. Angular action cylindrical springs (26, 28) are disposed between the shaft and the arm to allow the arm to be in the retracted position during insertion of a lower part of the shaft in the tube. A longitudinal conduit (32) injects a fluid e.g. reactive liquid, near the shaft's lower end. Independent claims are also included for the following: (1) an equipment comprising a mixing tool (2) a method for processing a portion of soil.

IPC 8 full level

E02D 3/12 (2006.01); **E02D 5/44** (2006.01)

CPC (source: EP)

E02D 3/126 (2013.01); **E02D 5/44** (2013.01)

Cited by

CN104746509A; ES2402975R1; AU2013357099B2; CN115038514A; EP3002371A1; FR3026754A1; US9624638B2; WO2014091120A3; WO2017137702A1; US10907317B2; WO2014091120A2; WO2016009143A1; US9895729B2

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EP 1878833 A1 20080116; **EP 1878833 B1 20130904**; ES 2438023 T3 20140115; FR 2903711 A1 20080118; FR 2903711 B1 20101210; PL 1878833 T3 20140331

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