

Title (en)
SOIL AERATION DEVICE

Title (de)
BODENBELÜFTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D AÉRATION DU SOL

Publication
EP 2285205 A1 20110223 (DE)

Application
EP 09728450 A 20090325

Priority

- EP 2009053520 W 20090325
- EP 08153919 A 20080401
- EP 09728450 A 20090325

Abstract (en)
[origin: EP2106679A1] The self-propelled soil aeration machine, to insert and withdraw a probe (4) into the soil (8), has a return unit (30) for the probe holder (6) to bring it back to the start position. It lies parallel to and at a gap from the plane through a swing axis (14) and the probe holder and probe. The return force is offset at the probe holder so that the lever moving around the swing axis is increased to the maximum probe holder deflection in relation to the start position. The return unit is a spring, integrated into a guide arm linked to the machine frame (2) and the probe holder.

IPC 8 full level
A01B 45/02 (2006.01)

CPC (source: EP US)
A01B 45/023 (2013.01 - EP US)

Citation (search report)
See references of WO 2009121773A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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EP 08153919 A 20080401; CA 2720425 A 20090325; DK 08153919 T 20080401; EP 09728450 A 20090325; EP 2009053520 W 20090325; HU E08153919 A 20080401; US 93607209 A 20090325