

Title (en)
Device for mixing soil materials

Title (de)
Vorrichtung zum Mischen von Bodenmaterialien

Title (fr)
Dispositif de mélange de matériaux sols

Publication
EP 2199468 A1 20100623 (EN)

Application
EP 09175732 A 20091112

Priority
FI 20086186 A 20081211

Abstract (en)
The invention relates to a device for mixing soil materials, especially for mixing a blend component directly into the soil materials in the ground. The device comprises at least two mixing drums (2) rotatable about their axes of rotation, which are at a short distance from one another. Between the drums (2) a fixing frame (14) to which is fixed a plunging arm (1). At the upper end of plunging arm (1) are attachment means (10) for attaching to a power machine extension arm. The axes of rotation of the mixing drums (2) are inclined in comparison to the plane perpendicular to the vertical axis of the device in such a way that when the plunging arm (1) is in the vertical direction, the axes of rotation of the mixing drums (2) slant downwards towards the outer ends of the drums. In this case the ends of the mixing drums closest to one another are essentially closer to one another at their lower edges than at their upper edges. Due to this, the body of the device does not form a dead zone which would resist the working motion.

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Citation (applicant)
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