

Title (en)

Device for connecting cutting drums to an apparatus used for digging trenches in the soil.

Title (de)

Vorrichtung zum Befestigen von Frästrommeln an einem Baggergerät, das für das Ausheben von Gräben im Boden bestimmt ist.

Title (fr)

Dispositif de fixation des tambours de fraisage sur un appareil destiné à creuser des tranchées dans le sol.

Publication

**EP 0378485 B1 19931103 (FR)**

Application

**EP 90400091 A 19900112**

Priority

FR 8900390 A 19890113

Abstract (en)

[origin: JPH02232419A] PURPOSE: To facilitate exchange of an excavation drum by providing a rotary plate at an end of a driving device, and providing a holding means so that rotary drive of the excavation drum by the plate are engaged with each other. CONSTITUTION: A conical trapezoid surface 12 is formed in the periphery of a plate 4, and a recessed conical trapezoid surface 13 having a shape 13 corresponding to an excavation drum 8 is formed. The recessed conical trapezoid surface 13 and the projecting conical trapezoid surface 12 are made to contact with each other so as to engage the excavation drum 8 with the periphery of a driving device. Torque is applied between the plate 4 and the excavation drum 8, and polygonal surfaces 9, 10 are engaged with each other, and the excavation drum 8 and the plate 4 are fixed to each other by bolts 11. Fixation and removal of the excavation drum 8 is thereby facilitated.

IPC 1-7

**E02F 3/24**; **E02F 5/08**; **E02F 5/10**; **E02F 9/28**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**EP 0378485 A1 19900718**; **EP 0378485 B1 19931103**; AR 244834 A1 19931130; AT E96871 T1 19931115; CA 2007708 A1 19900713; DE 69004273 D1 19931209; DE 69004273 T2 19940428; FR 2641807 A1 19900720; FR 2641807 B1 19910405; JP H02232419 A 19900914; JP H0718166 B2 19950301; RU 1834955 C 19930815; US 4991322 A 19910212

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