

Title (en)

Excavating device for digging trenches into the ground.

Title (de)

Fräsvorrichtung zum Ausheben von Gräben im Boden.

Title (fr)

Engin de fraisage pour creuser des tranchées dans le sol.

Publication

EP 0263762 A1 19880413 (FR)

Application

EP 87402244 A 19871008

Priority

FR 8614003 A 19861008

Abstract (en)

[origin: US4824176A] A milling engine for cutting trenches in ground or soil provided with at least one vertical support plate on both sides of which milling drums are supported for rotation about an axis perpendicular to said plate. One or more movable fingers are mounted on the lower edge of the plate for oscillating movement about the central axis of the plate during the rotation of the drums to remove a web of soil beneath the plate. Oscillation of the fingers is effected through camming surfaces formed on opposing inner ends of the drums which camming surfaces cooperate with a cam disposed at the inner ends of said movable fingers.

Abstract (fr)

L'invention est relative à un engin pour creuser des tranchées, du type comprenant au moins une plaque de support (3) sensiblement verticale de part et d'autre de laquelle deux tambours de fraisage (2) sont montés à rotation autour d'un axe (4) sensiblement perpendiculaire à la plaque. Au moins un doigt mobile (13) est monté sur le bord supérieur (14) de ladite plaque, des moyens d'entraînement étant prévus pour provoquer l'oscillation dudit doigt de part et d'autre du plan médian (10) de ladite plaque lors de la rotation des tambours.

IPC 1-7

E02F 5/08

IPC 8 full level

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CPC (source: EP US)

E02F 3/205 (2013.01 - EP US)

Citation (search report)

- [A] DE 2362425 A1 19750130 - HYDROSOL
- [A] DE 1634262 B1 19700924 - BADE & CO GMBH
- [A] FR 2349688 A1 19771125 - FONDAMAT SARL [FR]
- [A] FR 2578876 A1 19860919 - TONE BORING CO [JP]

Cited by

US5035071A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0263762 A1 19880413; **EP 0263762 B1 19900131**; AT E50014 T1 19900215; CY 1686 A 19931010; DE 263762 T1 19880922; DE 3761574 D1 19900308; FR 2605028 A1 19880415; FR 2605028 B1 19881209; HK 76693 A 19930806; JP S6397731 A 19880428; SG 129392 G 19930416; US 4824176 A 19890425

DOCDB simple family (application)

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