

Title (en)

Trenching apparatus for digging deep trenches with cutting drums

Title (de)

Baggergerät zum Graben von Tiefgräben mit Frästrommeln

Title (fr)

Appareil pour creuser dans le sol des tranchées de grande profondeur à l'aide de tambours de fraisage

Publication

**EP 0593355 B1 19970205 (FR)**

Application

**EP 93402515 A 19931012**

Priority

FR 9212142 A 19921012

Abstract (en)

[origin: EP0593355A1] The invention relates to apparatus for digging deep trenches in the ground, including a chassis equipped with cutting drums at its lower part. The upper part (3a) of the chassis (3) is provided with at least one guide member (6) which includes, in the direction parallel to the axes (5) of the milling drums (4) ends (7, 8) separated by a constant distance substantially equal to the thickness of the trench (1), and which, during the operation of the apparatus, can assume a centred position in which the upper part (3a) of the chassis is situated substantially equidistant from the two ends (7, 8) of the guide member (6), a position offset on one side of the chassis (1) in which the upper part (3a) of the chassis is brought closer to one (7) of the ends of the guide member (6) by a predetermined distance, and an offset position on the other side of the chassis (3) in which the upper part (3a) of the chassis is brought closer to the other end (8) of the guide member (6) by a predetermined distance. <IMAGE>

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CPC (source: EP KR)

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Cited by

EP1703023A1; DE29716938U1; DE102007035591B3; EP2020462A3; EP0811724A1; FR2749333A1; EP1746213A1; FR2888859A1; FR2771429A1; EP0919669A3; FR3041024A1; JP2018526550A; CN108603350A; US10724200B2; US6658767B2; US7637038B2; WO2017042499A3; US7661209B2; EP2020462A2; EP4279659A1; WO2023222363A1

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