

Title (en)
Excavation device

Title (de)
Aushubvorrichtung

Title (fr)
Dispositif de déblai

Publication
EP 1847652 A1 20071024 (EN)

Application
EP 07106366 A 20070418

Priority
IT UD20060104 A 20060421

Abstract (en)
An excavation device (10) comprises a pair of milling wheels (13) with a substantially horizontal axis of rotation (X), each equipped peripherally with excavation means (26), in order to define an excavation front (24) substantially parallel to the axis (X), chain-type transmission means (25) to draw in rotation the milling wheels (13), in which the transmission means (25) is driven by drive means (20) and is also provided, on the side that is external during use, with excavation means (26). The excavation means (26) comprises a plurality of excavation teeth (126) disposed on the external side of the chain-type transmission means (25) and disposed offset, with respect to each other, in a direction transverse to the longitudinal development of the transmission means (25), so that the excavation front (24) is substantially continuous and uniform.

IPC 8 full level
E02F 3/14 (2006.01)

CPC (source: EP)
E02D 17/13 (2013.01); **E02F 3/143** (2013.01); **E02F 3/145** (2013.01); **E02F 3/148** (2013.01); **E02F 3/205** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1847652 A1 20071024; IT UD20060104 A1 20071022

DOCDB simple family (application)
EP 07106366 A 20070418; IT UD20060104 A 20060421