

Title (en)
Cutting head for a digging machine

Title (de)
Fräskopf für ein Erdaushubgerät

Title (fr)
Tête de coupe pour une machine d'excavation

Publication
EP 1882781 B1 20180321 (FR)

Application
EP 07112940 A 20070723

Priority
FR 0653169 A 20060728

Abstract (en)
[origin: EP1882781A1] The cutting head has tiller motors each having a mounting structure integrated to a fixation plate (20) presenting a central part (30). Two assemblies (32, 34) are arranged on both sides of the plate. Hydraulic motors (44, 46) are mounted in the assemblies, and a shaft (50) is provided common to the motors. Pipes (70) are arranged in thickness of the plate for circulation of liquid used by the motors. Channels (72) are arranged in the part (30), where the channels are connected to the pipes and to the motors (44, 46) to connect each of the hydraulic motor to each of the pipes.

IPC 8 full level
E02F 3/20 (2006.01)

CPC (source: EP KR US)
E02F 3/205 (2013.01 - EP US); **E02F 3/24** (2013.01 - EP US); **E21B 10/00** (2013.01 - KR); **Y10S 37/902** (2013.01 - EP US)

Citation (examination)
JP 2004190387 A 20040708 - MITSUI MIKE MACHINERY CO LTD

Cited by
CN103276759A; EP4074898A1; WO2022218719A1

Designated contracting state (EPC)
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