

Title (en)
Device for excavating a channel

Title (de)
Werkzeug um einen Graben zu baggern

Title (fr)
Outil pour excaver un canal

Publication
EP 2743406 B1 20220622 (EN)

Application
EP 13195624 A 20131204

Priority
BE 201200845 A 20121217

Abstract (en)
[origin: EP2743406A1] Device for excavating a channel, comprising a container (1) with standing side walls (11, 12), a rear end (15) and an open front end (14), which open front end is provided with cutting edges (21, 22, 23) configured to cut away flanks of the channel; which container is configured to be moved forward through the channel; a rotor (3) arranged in the container and provided with a number of knife elements (30), which rotor with knife elements is configured to dislodge and move soil to the rear end of the container between the flanks of the channel; wherein the rear end of the container is provided with a discharge opening (41) through which the dislodged soil can be discharged.

IPC 8 full level
E02F 3/92 (2006.01); **E02F 3/24** (2006.01); **E02F 5/02** (2006.01); **E02F 5/08** (2006.01); **E02F 5/14** (2006.01)

CPC (source: EP)
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Citation (examination)
US 5918390 A 19990706 - RUFF THOMAS [DE]

Cited by
CN114215131A; CN112112203A; US2016138241A1; US9739033B2

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