

Title (en)
DITCH DIGGING AND DITCH CLEANING APPARATUS

Title (de)
VORRICHTUNG ZUM GRABEN UND REINIGEN EINES GRABENS

Title (fr)
APPAREIL POUR CREUSER ET NETTOYER UN FOSSE

Publication
EP 3253929 A4 20181107 (EN)

Application
EP 16746016 A 20160118

Priority
• CA 2880947 A 20150202
• CA 2016000012 W 20160118

Abstract (en)
[origin: CA2880947A1] A ditch digging and cleaning apparatus is provided. The ditch digging and cleaning apparatus comprises a housing adapted for being moved along a longitudinal axis of the ditch. The housing has an inlet opening at a bottom front portion thereof for transmitting therethrough debris disposed in the ditch and an outlet opening at an upper portion thereof. An impeller is disposed in the housing and rotatably movable mounted thereto. The impeller receives the debris from the inlet opening and propels the same through the outlet opening. A drive is connected to the impeller for driving the same, the drive has a power of at least 30 hp.

IPC 8 full level
E02F 5/14 (2006.01); **E02F 3/18** (2006.01); **E02F 5/02** (2006.01)

CPC (source: EP US)
E02F 3/186 (2013.01 - EP US); **E02F 3/246** (2013.01 - EP US); **E02F 5/006** (2013.01 - EP US); **E02F 5/025** (2013.01 - EP US); **E02F 5/08** (2013.01 - EP US); **E02F 5/14** (2013.01 - EP US); **E02F 5/282** (2013.01 - EP US); **E02F 5/285** (2013.01 - EP US)

Citation (search report)
• [XYI] US 3916543 A 19751104 - POCHE JOHN M
• [Y] US 4942682 A 19900724 - MCDOWELL ALEXANDER W K [US]
• [XA] US 2615263 A 19521028 - HERBERT BARRAS
• [A] GB 937403 A 19630918 - FRITZ BARTELS
• See references of WO 2016123690A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
CA 2880947 A1 20160802; **CA 2880947 C 20211228**; EP 3253929 A1 20171213; EP 3253929 A4 20181107; US 2018010319 A1 20180111; WO 2016123690 A1 20160811

DOCDB simple family (application)
CA 2880947 A 20150202; CA 2016000012 W 20160118; EP 16746016 A 20160118; US 201615546744 A 20160118