

Title (en)
EXCAVATION SYSTEM AND METHOD

Title (de)
AUSHUBSYSTEM UND -VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ D'EXCAVATION

Publication
EP 3361009 A1 20180815 (EN)

Application
EP 18156777 A 20180214

Priority
US 201762458774 P 20170214

Abstract (en)
An excavation system (10) has a soil-agitation arrangement including an agitator e.g. an auger (66) operable to disturb soil to facilitate removal of disturbed soil from the ground. Also included is a vacuum arrangement operable to remove the disturbed soil from the ground, and a sensor arrangement (23) including at least one sensor configured to detect a presence of at least one type of buried infrastructure in the ground. A shroud arrangement including a shroud disposed over at least a portion of the agitator e.g. the auger (66) and may be movable relative to the agitator to selectively cover and uncover at least a portion of the agitator.

IPC 8 full level
E02F 3/88 (2006.01); **E02F 3/92** (2006.01)

CPC (source: EP US)
E02F 3/06 (2013.01 - US); **E02F 3/8825** (2013.01 - EP US); **E02F 3/9231** (2013.01 - EP US); **E02F 5/003** (2013.01 - US); **E02F 7/00** (2013.01 - US); **E02F 9/2004** (2013.01 - US); **E02F 9/2058** (2013.01 - US)

Citation (search report)

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3361009 A1 20180815; US 2018230666 A1 20180816

DOCDB simple family (application)
EP 18156777 A 20180214; US 201815896592 A 20180214