

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)
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