

Title (en)

DIGGING MACHINE WITH A FRAME EQUIPPED WITH GUIDING WINGS

Title (de)

AUSHUBMASCHINE MIT EINEM RAHMEN, DER MIT FÜHRUNGSFLÜGELN VERSEHEN IST

Title (fr)

MACHINE D'EXCAVATION AYANT UN CHASSIS MUNI D'AILES DE GUIDAGE

Publication

**EP 3872267 B1 20230830 (FR)**

Application

**EP 21159160 A 20210225**

Priority

FR 2001824 A 20200225

Abstract (en)

[origin: US2021262192A1] The disclosure concerns an excavation machine for making a trench into ground including a frame extending along a longitudinal direction, an excavation device disposed under the lower end part of the frame, the excavation machine further including at least a first guide device comprising at least a first guide flap protruding from a first lateral side of the frame outwardly of the frame, and wherein, considered in a plane perpendicular to the longitudinal direction, the first guide flap is inclined relative to the first lateral side.

IPC 8 full level

**E02F 3/20** (2006.01); **B66C 3/02** (2006.01); **B66C 3/16** (2006.01); **E02D 17/13** (2006.01); **E02F 3/22** (2006.01); **E02F 3/47** (2006.01);  
**E02F 3/58** (2006.01); **E02F 3/92** (2006.01)

CPC (source: EP US)

**B66C 3/16** (2013.01 - EP); **E02D 17/13** (2013.01 - EP); **E02F 3/205** (2013.01 - EP); **E02F 3/22** (2013.01 - EP); **E02F 3/475** (2013.01 - EP);  
**E02F 3/58** (2013.01 - EP); **E02F 3/92** (2013.01 - EP); **E02F 5/025** (2013.01 - US); **E02F 5/08** (2013.01 - US); **E02F 5/10** (2013.01 - US)

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)

**EP 3872267 A1 20210901; EP 3872267 B1 20230830;** FR 3107537 A1 20210827; FR 3107537 B1 20220408; US 2021262192 A1 20210826

DOCDB simple family (application)

**EP 21159160 A 20210225;** FR 2001824 A 20200225; US 202117183383 A 20210224