

Title (en)
TRENCH WALL CUTTER

Title (de)
SCHLITZWANDFRÄSE

Title (fr)
FRAISE POUR PAROIS MOULÉES

Publication
EP 3683362 B1 20230524 (DE)

Application
EP 20150905 A 20200109

Priority
DE 202019100319 U 20190121

Abstract (en)
[origin: US2020232182A1] The invention relates to a slurry wall cutter for producing vertical ground trenches, which can be connected to a carrier apparatus, comprising a frame, a motor unit and a drive unit which is releasably connectable with the frame, wherein the drive unit comprises a carrier structure, at least one gear mechanism arranged on the carrier structure as well as a cutting tool for crushing ground material, which is connected to the gear mechanism and drivable by the motor unit, wherein the motor unit is releasably connectable to the drive unit and wherein the frame and the drive unit respectively comprise guide means which are configured in such a way that the drive unit can be pushed laterally into and out of the frame.

IPC 8 full level
E02D 17/13 (2006.01); **E02F 3/20** (2006.01)

CPC (source: CN EP US)
E02D 17/13 (2013.01 - EP); **E02F 3/205** (2013.01 - EP); **E02F 3/246** (2013.01 - US); **E02F 3/3681** (2013.01 - EP); **E02F 3/475** (2013.01 - EP); **E02F 5/02** (2013.01 - CN); **E02F 5/08** (2013.01 - CN US); **E02F 5/14** (2013.01 - CN 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)
DE 202019100319 U1 20200422; CN 111456133 A 20200728; CN 111456133 B 20230110; EP 3683362 A2 20200722; EP 3683362 A3 20200805; EP 3683362 B1 20230524; EP 3851586 A1 20210721; EP 3851586 B1 20230405; US 2020232182 A1 20200723

DOCDB simple family (application)
DE 202019100319 U 20190121; CN 202010068435 A 20200121; EP 20150905 A 20200109; EP 21162496 A 20200109; US 202016748713 A 20200121