

Title (en)
SELF-PROPELLED BUILDING OR MINING MACHINE

Title (de)
SELBSTFAHRENDE BAU- ODER GEWINNUNGSMASCHINE

Title (fr)
MACHINE AUTONOME À CONSTRUIRE OU À EXTRAIRE

Publication
EP 4060118 B1 20240110 (DE)

Application
EP 22161844 A 20220314

Priority
DE 102021106221 A 20210315

Abstract (en)
[origin: US2022290384A1] In a self-propelled construction machine or mining machine, in particular milling machine for working a ground surface, including a machine frame, a working device for working the ground surface, which is supported on the machine frame, wherein the working device is at least partially enclosed by a housing, at least one movable side plate, which closes the housing on at least one of the two sides of the working device, wherein the movable side plate rests on the ground surface in floating position during the working operation, it is provided that a clearing scraper is arranged in front of the at least one movable side plate as seen in the direction of travel, wherein the clearing scraper comprises at least one clearing edge for penetrating ground material lying on the ground surface in front of the movable side plate, and clears the ground material for the movable side plate so that the movable side plate may rest on the ground surface.

IPC 8 full level
E01C 23/088 (2006.01); **B28D 1/18** (2006.01)

CPC (source: CN EP US)
E01C 23/088 (2013.01 - CN EP US); **E01C 23/127** (2013.01 - US); **E21C 35/20** (2013.01 - CN); **B28D 1/18** (2013.01 - EP); **E21C 47/00** (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 4060118 A1 20220921; **EP 4060118 B1 20240110**; **EP 4060118 C0 20240110**; CN 115075105 A 20220920; CN 217973970 U 20221206; DE 102021106221 A1 20220915; US 11993898 B2 20240528; US 2022290384 A1 20220915

DOCDB simple family (application)
EP 22161844 A 20220314; CN 202210248949 A 20220314; CN 202220548854 U 20220314; DE 102021106221 A 20210315; US 202217692265 A 20220311