

Title (en)
FLOOR GRINDING MACHINE

Title (de)
QUERVERWEIS AUF VERWANDTE ANMELDUNG

Title (fr)
MACHINE DE MEULAGE DE SOL

Publication
EP 3915727 A4 20220420 (EN)

Application
EP 20914772 A 20201019

Priority
• CN 202010286974 A 20200413
• CN 2020121948 W 20201019

Abstract (en)
[origin: EP3915727A1] This disclosure provides a floor grinding machine. The floor grinding machine includes: a body bracket; a grinding disc connected to the body bracket, wherein the grinding disc has a first position configured to grind a ground and a second position configured to replace a grinding member provided thereon; a first moving wheel provided on the body bracket; a second moving wheel connected to the body bracket, wherein the second moving wheel has a travelling position in which the second moving wheel is capable moving along the ground and an avoiding position in which the second moving wheel is away from the ground. The floor grinding machine has a first working state configured to grind the ground and a second working state configured to travel or to replace the grinding member. When the grinding disc is in the first position and the second moving wheel is in the avoiding position, the floor grinding machine is in the first working state; and when the grinding disc is in the second position and the second moving wheel is in the travelling position, the floor grinding machine is in the second working state. The floor grinding machine of the present disclosure solves the problem of inconvenient replacement of the cutter head and inconvenience of movement of the floor grinding machine in the prior art.

IPC 8 full level
B24B 7/18 (2006.01); **B24B 27/00** (2006.01)

CPC (source: CN EP US)
B24B 7/186 (2013.01 - CN EP US); **B24B 27/0007** (2013.01 - CN EP); **B24B 41/02** (2013.01 - CN); **B24B 41/04** (2013.01 - CN); **B24B 47/12** (2013.01 - CN)

Citation (search report)
• [XA] WO 2019143278 A1 20190725 - SCANMASKIN SVERIGE AB [SE]
• [XA] US 2019240803 A1 20190808 - MATSON MALACHI DONALD [US]
• [YA] CN 204183346 U 20150304 - JINJIANG XINGYI POLISHING MACHINERY CO LTD
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• See also references of WO 2021208388A1

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 3915727 A1 20211201; **EP 3915727 A4 20220420**; AU 2021209280 A1 20211028; CA 3126550 A1 20211013; CN 113523932 A 20211022; JP 2022532461 A 20220715; JP 7256882 B2 20230412; SG 11202108845V A 20211129; US 2022212310 A1 20220707; WO 2021208388 A1 20211021

DOCDB simple family (application)
EP 20914772 A 20201019; AU 2021209280 A 20201019; CA 3126550 A 20201019; CN 202010286974 A 20200413; CN 2020121948 W 20201019; JP 2021542199 A 20201019; SG 11202108845V A 20201019; US 202017427004 A 20201019