

Title (en)

SYSTEM AND METHOD FOR DRIVING A MACHINE TOOL INTO A WALL OR A SUBSTRATE

Title (de)

SYSTEM UND VERFAHREN ZUM HINEINTREIBEN EINER WERKZEUGMASCHINE IN EINE WAND ODER EINEN UNTERGRUND

Title (fr)

SYSTÈME ET PROCÉDÉ POUR FAIRE PÉNÉTRER UNE MACHINE-OUTIL DANS UN MUR OU UN FOND

Publication

EP 4010139 A1 20220615 (DE)

Application

EP 20743163 A 20200727

Priority

- EP 19190717 A 20190808
- EP 2020071106 W 20200727

Abstract (en)

[origin: WO2021023543A1] The present invention relates to a system which comprises a machine tool (1) and a suction unit (2). The system makes it possible to drive a tool (5) of the machine tool (1) into the wall (4) or into the substrate (4) (cut assist function). Negative pressure can also be used to push the machine tool onto the substrate such that a user has to apply only a small amount of force in order to hold the machine tool in an ideal operating point.

IPC 8 full level

B23B 47/00 (2006.01); **A47L 7/00** (2006.01); **B23B 47/22** (2006.01)

CPC (source: EP US)

A47L 7/0085 (2013.01 - US); **A47L 7/0095** (2013.01 - EP US); **A47L 9/2894** (2013.01 - US); **B23B 47/00** (2013.01 - EP); **B23B 47/287** (2013.01 - US); **B23B 2251/68** (2013.01 - EP US)

Citation (search report)

See references of WO 2021023543A1

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 3772385 A1 20210210; EP 4010139 A1 20220615; US 2022279997 A1 20220908; WO 2021023543 A1 20210211

DOCDB simple family (application)

EP 19190717 A 20190808; EP 2020071106 W 20200727; EP 20743163 A 20200727; US 202017632720 A 20200727