

Title (en)  
MOBILE MACHINE TOOL AND METHOD

Title (de)  
MOBILE WERKZEUGMASCHINE UND VERFAHREN

Title (fr)  
MACHINE-OUTIL MOBILE ET PROCÉDÉ

Publication  
**EP 4259383 A1 20231018 (DE)**

Application  
**EP 21820536 A 20211126**

Priority  
• EP 20213304 A 20201211  
• EP 2021083139 W 20211126

Abstract (en)  
[origin: CA3200706A1] The invention relates to a mobile machine tool, in particular a hand-held machine tool (10) or a construction robot, for example for carrying out work in construction and/or civil engineering applications, comprising a drive unit (20). The mobile machine tool is characterized in that the drive unit (20) has an aqueous lubricant (26) and/or in that the drive unit (20) is designed to operate with the aqueous lubricant (26), wherein, prior to a running-in phase of the drive unit (20), a composite roughness sigma of two cooperating contact surfaces (22, 24) of the drive unit (20) is greater than 0.01 pm, preferably at least 0.1 pm. The invention also relates to a method. The invention improves energy efficiency.

IPC 8 full level  
**B25F 5/00** (2006.01); **C10M 171/00** (2006.01)

CPC (source: EP US)  
**B25F 5/00** (2013.01 - EP US); **C10M 107/34** (2013.01 - US); **C10M 173/02** (2013.01 - US); **B25D 17/26** (2013.01 - US); **B25D 2250/365** (2013.01 - US); **C10M 2201/02** (2013.01 - US); **C10M 2209/1055** (2013.01 - US); **C10N 2020/06** (2013.01 - US); **C10N 2030/02** (2013.01 - US); **C10N 2050/08** (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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4011561 A1 20220615**; **EP 4011561 B1 20240410**; CA 3200706 A1 20220616; CN 116507705 A 20230728; EP 4259383 A1 20231018; US 2023405785 A1 20231221; WO 2022122413 A1 20220616

DOCDB simple family (application)  
**EP 20213304 A 20201211**; CA 3200706 A 20211126; CN 202180076925 A 20211126; EP 2021083139 W 20211126; EP 21820536 A 20211126; US 202118038790 A 20211126