

Title (en)

MACHINE CONTROL FOR GRINDING MACHINE

Title (de)

MASCHINENSTEUERUNG FÜR SCHLEIFMASCHINE

Title (fr)

COMMANDE DE MACHINE POUR MACHINE DE MEULAGE

Publication

EP 4282587 A1 20231129 (EN)

Application

EP 23174978 A 20230523

Priority

- US 202263345629 P 20220525
- US 202318143150 A 20230504

Abstract (en)

A grinding machine including a support pedestal that supports a drive motor that supports an abrasive wheel rotatably coupled to the drive motor; a motor drive operatively coupled to the drive motor; a safety controller operatively coupled with the drive motor and motor drive; an E-stop operatively coupled to the safety controller; a foot pedal switch operatively coupled to the safety controller; and a 480 volt alternating current 3 phase electrical power supply electrically coupled to the drive motor.

IPC 8 full level

B24B 27/02 (2006.01); **B24B 55/00** (2006.01)

CPC (source: EP US)

B24B 27/02 (2013.01 - EP); **B24B 47/26** (2013.01 - US); **B24B 49/006** (2013.01 - US); **B24B 55/00** (2013.01 - EP); **B24B 55/06** (2013.01 - US)

Citation (search report)

- [Y] US 2017320191 A1 20171109 - GASPARINO JR JOSEPH PETER [US]
- [Y] US 2022023995 A1 20220127 - WOODSON TANNON SHANE [US], et al
- [Y] US 2020122292 A1 20200423 - KUHLMANN KEVIN [DE]
- [Y] DE 19908353 A1 19990909 - RYOBI NORTH AMERICA INC [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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4282587 A1 20231129; US 2023381920 A1 20231130

DOCDB simple family (application)

EP 23174978 A 20230523; US 202318143150 A 20230504