

Title (en)
Wide-wheel grinding machine

Title (de)
Breitschleifmaschine

Title (fr)
Meuleuse large

Publication
EP 2213414 A2 20100804 (DE)

Application
EP 10000579 A 20100121

Priority
CH 1502009 A 20090202

Abstract (en)
The machine has a machine stand (11) with a crossbar (14), which forms a dual unit (10) with upper and lower grinding heads. Each head includes a grinding roller (12) and a tension roller (13), where an abrasive belt continuously extends around the rollers. A locking bar (17) is arranged between the stand and the grinding heads for locking the grinding heads. The locking bar is rotatably arranged at another crossbar (15) of the stand. The bar is fixedly clamped with a hydraulic cylinder at ends in a closed position. The bar allows access for exchange of the belt in an open position.

Abstract (de)
Die Erfindung betrifft eine Breitschleifmaschine, insbesondere eine Breitbandschleifmaschine zum Bearbeiten von Oberflächen von insbesondere flächigen, ebenen Bauelementen, z. B. aus Holz bzw. Holzwerkstoffen. Um ein einfaches wechseln eines Schleifbandes (14) zu ermöglichen, ist ein drehbarer Riegel (17) vorgesehen, der in Offenstellung Zugang zum Schleifband (14) gewährt.

IPC 8 full level
B24B 21/12 (2006.01)

CPC (source: EP)
B24B 21/12 (2013.01); **B24B 41/002** (2013.01)

Citation (applicant)
• EP 1144156 B1 20030423 - STEINEMANN TECHNOLOGY AG [CH]
• DE 10158711 A1 20030626 - SMS MEER GMBH [DE]

Cited by
CN110666671A; EP4321297A1; IT202200016959A1; DE102023005458A1; DE102023103347A1; WO2024170528A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2213414 A2 20100804; EP 2213414 A3 20130410; EP 2213414 B1 20140312; CH 700365 A2 20100813; PL 2213414 T3 20140829

DOCDB simple family (application)
EP 10000579 A 20100121; CH 1502009 A 20090202; PL 10000579 T 20100121