

Title (en)
GRINDING MACHINE

Title (de)
SCHLEIFMASCHINE

Title (fr)
MEULEUSE

Publication
EP 4063563 A1 20220928 (EN)

Application
EP 22162385 A 20220316

Priority
IT 202100007190 A 20210324

Abstract (en)
Grinding machine comprising:- a first frame (2) mounted on four wheels (4) sliding along the rails (6) to be ground,- a second frame (8) provided with wheels (10) for supporting and sliding along the rails (6),- means for vertical movement of said second frame (8) with respect to said first frame (2),- a third frame (14), above the second frame (8), on which at least three electric motors (28, 28') with parallel axes are mounted, to each shaft of said motors (28, 28') a pulley (32) being integral in rotation with which the shaft of a grinding wheel (34) is also integral,- means for vertical movement of said third frame (14) with respect to the second frame (8). characterized by the fact that at least one of the three motors (26, 28) and the grinding wheel (34) rotoidally connected to it are translated horizontally by means which determine the variation of the center distance between the three grinding units constituted by the motors (28, 28) and the corresponding wheels (34).

IPC 8 full level
E01B 31/17 (2006.01)

CPC (source: CN EP)
E01B 31/04 (2013.01 - CN); **E01B 31/17** (2013.01 - CN EP); **E01B 2203/141** (2013.01 - CN)

Citation (search report)
• [A] EP 0843043 A1 19980520 - MECNO S R L [IT]
• [A] WO 2015198206 A1 20151230 - FAMA S R L [IT]
• [A] EP 0789109 A1 19970813 - SCHEUCHZER SA [CH]

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

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