

Title (en)
Machine tool

Title (de)
Werkzeugmaschine

Title (fr)
Machine-outil

Publication
EP 2762273 A1 20140806 (EN)

Application
EP 14153130 A 20140129

Priority
IT RN20130005 A 20130131

Abstract (en)
Described is a machine tool (1) for machining a sheet (2) of glass or the like having at least one edge (3), comprising a frame (4) for supporting the sheet (2) in a substantially vertical position; a station (6) for machining the sheet (2); a train (7) of cup grinding wheels for machining the edge (3) in the machining station (6); motor driven rollers (5) for moving the sheet (2) in a direction of movement (X), towards and away from the machining station (6); a computerised control unit (16) in communication with the train (7) of cup grinding wheels and with the rollers (5) designed for controlling the train (7) of cup grinding wheels and the rollers (5); the machining station (6) comprises a pickup suction cup (15) which can be activated on the sheet (2) for picking up the sheet (2); the suction cup (15) is rotatable about an axis of rotation (R) transversal to the direction of movement (X) for rotating the sheet (2) about the axis of rotation (R); the train (7) of cup grinding wheels is movable relative to the suction cup (15) for performing machining operations on the sheet (2) using the cup grinding wheels.

IPC 8 full level
B24B 9/10 (2006.01)

CPC (source: EP)
B24B 9/102 (2013.01); **B24B 41/005** (2013.01)

Citation (search report)
• [XA] WO 2011016098 A1 20110210 - BANDO KIKO CO [JP], et al
• [A] EP 0769348 A1 19970423 - FOR EL BASE DI VIANELLO FORTUN [IT]

Cited by
EP3170622A1; EP3546120A1; IT201800003968A1; IT201700110165A1; EP4335604A3; IT202000022276A1; IT202200015081A1; ITUB20155709A1; CN111633582A; EP3632614A1; IT201800009216A1; WO2024018495A1

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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EP 14153130 A 20140129; IT RN20130005 A 20130131