

Title (en)
MACHINING CENTER

Title (de)
BEARBEITUNGSZENTRUM

Title (fr)
CENTRE D'USINAGE

Publication
EP 2991811 A1 20160309 (EN)

Application
EP 14731030 A 20140429

Priority
• IT FI20130097 A 20130503
• IB 2014061073 W 20140429

Abstract (en)
[origin: WO2014177997A1] The machining center comprises at least one operating head (5) movable according to a plurality of numerically controlled axes (A, C, X, Z) and at least one workpiece-holding slide (17) movable between a working area and an area where the workpieces to be machined (P1) are loaded on the workpiece-holding slide and machined workpieces (P2) are unloaded from the workpiece-holding slide, and vice versa. Moreover, an insertion system is provided for inserting the workpieces to be machined on the workpiece-holding slide (17), the insertion system being associated with a loading conveyor (31) extending from an area (41) receiving the workpiece to be machined (P1) towards the area (29) of loading the workpieces to be machined on the workpiece-holding slide (17) and unloading the machined workpieces (P2) from the workpiece-holding slide, where the workpieces to be machined are transferred from the loading conveyor to the workpiece-holding slide. At an height different than the height of the insertion system of the workpieces to be machined (P1) there is arranged a removal system for removing the machined workpieces (P2) from the workpiece-holding slide (17), this removal system being associated with an unloading conveyor (33) extending from the area (29) where workpieces to be machined are loaded on the workpiece-holding slide (17) and machined workpieces are unloaded from the workpiece-holding slide (17) towards a gathering area (43) of the machined workpieces (P2), the machined workpieces being transferred from the workpiece-holding slide to the unloading conveyor in said area where workpieces to be machined are loaded on the workpiece-holding slide and machined workpieces are unloaded from the workpiece-holding slide.

IPC 8 full level
B27M 1/08 (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2014177997A1

Cited by
EP4070913A1; IT202100008450A1

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