

Title (en)
HONING APPARATUS

Title (de)
VORRICHTUNG ZUR HONBEARBEITUNG

Title (fr)
DISPOSITIF DE TRAITEMENT DE RODAGE

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Application
EP 20716080 A 20200319

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Abstract (en)
[origin: WO2020233866A1] The invention relates to an apparatus (10) for honing a bore (12) in a workpiece (14), having an apparatus base (18), having a turntable (20), arranged on the apparatus base, with a plurality of workpiece receptacles (32A, 32B, 32C, 32D), having at least one loading station (38) for loading and unloading from the workpiece receptacles, having at least one honing station (42) with a horizontal honing unit (46) and with a displacement device (58) for displacing the horizontal honing unit relative to the turntable (20), and having at least one tool magazine (74) for receiving a plurality of honing spindles (50), wherein the at least one tool magazine is fixed in an immovable manner at least with respect to movements in translation, wherein the at least one tool magazine is positioned or positionable with respect to the at least one honing station such that the at least one tool magazine takes up a tool-changing position, in which relative movements, necessary for a tool change, between the at least one tool magazine and the horizontal honing unit of the at least one honing station can be provided by displacement movements of the horizontal honing unit.

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