

Title (en)

ROBOT CELL FOR THE LOADING AND UNLOADING OF SINGLE-STATION MACHINE TOOLS DURING MACHINING

Title (de)

ROBOTERZELLE ZUM HAUPTZEITPARALLELEN BE- UND ENTLADEN VON EINZELPLATZ-ZERSpanungsmaschinen

Title (fr)

CELLULE DE ROBOT POUR LE CHARGEMENT ET DÉCHARGEMENT DE MACHINES D'USINAGE MONOPOSTE EN PARALLÈLE

Publication

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Application

EP 15705607 A 20150218

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- DE 102014003596 A 20140317
- DE 102014003720 A 20140318
- DE 102014007654 A 20140527
- DE 102014010880 A 20140726
- DE 102014010925 A 20140728
- DE 102014114258 A 20140930
- DE 102014017343 A 20141125
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Abstract (en)

[origin: WO2015124645A1] Robot cell (1) with a robot cell chamber (15) for loading and unloading single-station machine tools (2) and with a machine chamber (14), wherein at least one robot (7) is arranged in the robot cell chamber (15) and wherein at least two clamping points (5, 6) and at least one machining spindle (13) of a single-station machine tool (2) are arranged in the machine chamber (14), and so the clamping points (5, 6) for receiving workpieces in the machine chamber (14) can be reached by the robot (7), wherein the robot cell chamber (15) can be coupled to the machine chamber (14) such that a machining chamber is formed in the state in which the robot cell chamber (15) is coupled to the machine chamber (14), and a device for machining, wherein the device has a robot cell (1) according to one of claims 1 to 20 and a single-station machine tool (2).

IPC 8 full level

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Citation (search report)

See references of WO 2015124645A1

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