

Title (en)

DEVICE AND METHOD FOR AUTOMATICALLY REMOVING GRINDING WHEELS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUTOMATISCHEN ABZIEHEN VON SCHLEIFSCHEIBEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RETRAIT AUTOMATIQUE DE DISQUES DE MEULAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021008837A1] A device for automatically removing a grinding wheel from a grinding machine mounted on a manipulator is described. According to one embodiment, the device has the following: a support plate with a surface for depositing a grinding wheel; a movable clamping element that is raised in a first position with respect to the support plate; an actuator that is coupled to the clamping element and is configured to move the clamping element into a second position in which the clamping element is pressed against the support plate such that the grinding wheel is clamped between the support plate and clamping element; and a release element that is arranged in such a way relative to the support plate that the release element is actuated when the grinding wheel is placed on the surface of the support plate and is pressed against the latter. The release element and the actuator are coupled (directly or indirectly, electrically or mechanically) such that, when the release element is actuated, the actuator moves the clamping element from the first position into the second position.

IPC 8 full level

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