

Title (en)
RAPID CLAMPING UNIT, RAPID CLAMPING SYSTEM, MACHINE PART OR TOOL PART AND MOULDING TOOL OR FORMING TOOL

Title (de)
SCHNEI LSPANNEINHEIT, SCHNELLSPANNSYSTEM, MASCHINEN - ODER WERKZEUGTEIL UND UR- ODER UMFORMWERK ZEUG

Title (fr)
UNITÉ DE SERRAGE RAPIDE, SYSTÈME DE SERRAGE RAPIDE, PARTIE DE MACHINE OU DE MOULE ET MOULE DE PREMIÈRE OU DE SECONDE TRANSFORMATION

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Application
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Priority

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Abstract (en)
[origin: WO2008017425A1] The invention relates to a rapid clamping unit, more particularly for the locking of tool parts of moulding tools or of forming tools or of moulding tools or forming tools on associated moulding machines or forming machines, where the rapid clamping unit is lockable with a retainer part corresponding to the rapid clamping unit, where the rapid clamping unit encompasses a sheath element intended for axial engagement into the retainer part and a piston element axially engaging into the sheath element or engaging through the sheath element, and axially movable with respect to the sheath element between a locking position and an unlocking position, and also encompassing locking elements engaging at least to some extent through the sheath element in a radial direction, in such a way that the locking elements in the locking position are in contact with the piston element radially outwardly in order to engage from behind to lock the retainer part, and in the unlocking position can be shifted radially inwardly, in order to release the retainer part. The invention further relates to a rapid clamping system, a moulding tool or forming tool and a moulding machine or forming machine.

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