

Title (en)
MACHINE TOOL

Title (de)
WERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL

Publication
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Application
EP 15759825 A 20150911

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Abstract (en)
[origin: WO2016038183A1] The invention relates to a machine tool (1) comprising a frame (2) with two opposite frame sections, a plurality of leg elements (9) on the frame, a first carriage (4) which has a first linear axis, is guided on the two opposite sections of the frame (2) and can slide in a direction X, a second carriage (5) which has a second linear axis, is guided on the first carriage (4) and can slide in a direction Y, a tower element (6) which has a third linear axis and is retained on the second carriage (5), a machining element (12) which is retained on the tower element (6) and can slide in a direction Z, and a tool spindle (13) on the machining element (12) for accommodating a tool (15); the frame has a monolithic frame element (2) which is made of a fiber-reinforced plastic, especially a carbon-fiber-reinforced plastic, and which comprises the two opposite frame sections.

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Citation (search report)
See references of WO 2016038183A1

Citation (examination)
US 2006291971 A1 20061228 - TANOUE SHINN [JP], et al

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