

Title (en)
LASER MACHINE TOOL

Title (de)
LASERBEARBEITUNGSMASCHINE

Title (fr)
MACHINE D'USINAGE LASER

Publication
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Application
EP 03763639 A 20030614

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Abstract (en)
[origin: WO2004008216A2] The invention relates to a laser machine tool for machining workpieces using a laser beam (2). Said laser machine tool comprises a telescope (1) for widening the laser beam (2), an elliptical mirror (3) and a parabolic mirror (4) whose rotation axes (6) run parallel to one another, in particular, in a collinear manner. This alignment enables the reflective surfaces of both mirrors to be produced in a single fixture (e.g. by diamond turning) with a level of precision that renders a subsequent adjustment unnecessary.

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Citation (search report)
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