

Title (en)  
LASER MACHINE TOOL

Title (de)  
LASERBEARBEITUNGSMASCHINE

Title (fr)  
MACHINE D'USINAGE LASER

Publication  
**EP 1520198 A2 20050406 (DE)**

Application  
**EP 03763639 A 20030614**

Priority  
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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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IPC 8 full level  
**B23K 26/06** (2006.01)

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**B23K 26/0643** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004008216A2

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