

Title (en)  
DEVICE FOR THE CONTINUOUS CASTING OF METAL

Title (de)  
EINRICHTUNG ZUM STRANGGIESSEN VON METALL

Title (fr)  
UNITE POUR REALISER LA COULEE CONTINUE DE METAL

Publication  
**EP 1216113 A1 20020626 (DE)**

Application  
**EP 00958434 A 20000811**

Priority  
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• EP 0007857 W 20000811

Abstract (en)  
[origin: US6715537B1] A device for the continuous casting of metal includes a lifting platform which can be driven in an oscillating fashion by a drive device, a continuous casting mold received on the lifting platform, and a stationarily arranged support frame provided with guiding or bearing elements for the lifting platform. The guiding or bearing element is an elastic spring system including two spring legs arranged angularly relative to one another and extending perpendicularly to the oscillation direction. The two spring legs are formed like a tuning fork and respectively overlapping upper and lower ends of the two spring legs form the support surface for the lifting platform or the connecting surface with the stationarily arranged support frame. The spring system, in addition to the force in the oscillation direction, compensates by load balancing disturbing forces in directions perpendicular to the oscillation direction.

IPC 1-7  
**B22D 11/053**

IPC 8 full level  
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CPC (source: EP KR US)  
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