

Title (en)  
Casting apparatus comprising an oscillating table

Title (de)  
Giessvorrichtung mit Schwingtisch

Title (fr)  
Dispositif de coulée avec une table oscillante

Publication  
**EP 1791664 A2 20070606 (EN)**

Application  
**EP 05763041 A 20050727**

Priority  
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Abstract (en)  
[origin: WO2006010762A2] Oscillating table in which the oscillation drive, comprising a hydraulic actuator, transmits the oscillating motion to the mould via a spring subject to bending stress, for example a fitted rod. The body of the hydraulic actuator is also anchored to the floor by means of a fitted spring subjected to bending stress. Thus thanks to the absence of any mechanical bearings in the drive mechanism, all disadvantageous movements caused as a result of bearing play, which increases at high oscillation frequencies, are eliminated. Moreover, the use of mould guide elements having a much simpler design and consisting of straightforward bars, also ensures greater guidance precision and enables a reduction in the oscillation marks on the cast product, a reduction that is even more noticeable when working at higher oscillation frequencies. Advantageously, the presence of an anti-roll device, consisting of two or more pairs of bars, for example two pairs, ensures good torsional rigidity of the table.

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**B22D 11/053** (2006.01)

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