

Title (en)
Elevator table with oscillating drive for a continuous casting installation

Title (de)
Hubtisch mit Oszillationsantrieb für eine Stranggießeinrichtung

Title (fr)
Table élévatrice entraîné à osciller pour une installation de coulée continue

Publication
EP 0953391 B1 20030528 (DE)

Application
EP 99107791 A 19990420

Priority
DE 19817701 A 19980421

Abstract (en)
[origin: US6138743A] A device for continuously casting steel includes a continuous casting mold supported in a lifting table and oscillating in the casting direction and at least one oscillation drive acting on the lifting table. The lifting table is constructed with guide blocks extending underneath the plane of the table and a stationary clamping block is arranged between the guide blocks. At least two individual resiliently soft plate springs are mounted along the short sides of the mold underneath the table plane in both sides of the clamping block and extending between the clamping block and the adjacent guide block, wherein the plate springs are arranged at a distance one above the other and so as to extend parallel relative to the corresponding plate springs arranged at the opposite short side of the mold.

IPC 1-7
B22D 11/04

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/053** (2006.01)

CPC (source: EP US)
B22D 11/053 (2013.01 - EP US)

Cited by
CN105436439A; CN108145102A; AT508395B1; US6889748B2; WO2005105342A1; WO2005105341A1; WO0185370A1; EP1539403B1

Designated contracting state (EPC)
AT BE CH DE ES FI FR GB IT LI LU NL PT SE

DOCDB simple family (publication)
US 6138743 A 20001031; AT E241439 T1 20030615; DE 19817701 A1 19991028; DE 19817701 C2 20000928; DE 59905710 D1 20030703; EP 0953391 A1 19991103; EP 0953391 B1 20030528; JP 4545843 B2 20100915; JP H11333547 A 19991207

DOCDB simple family (application)
US 29107899 A 19990414; AT 99107791 T 19990420; DE 19817701 A 19980421; DE 59905710 T 19990420; EP 99107791 A 19990420; JP 11281799 A 19990420