

Title (en)  
PIG CASTING MACHINE

Title (de)  
MASSELGIESSMASCHINE

Title (fr)  
MACHINE A COULER LES GUEUSES

Publication  
**EP 1137501 B1 20030716 (DE)**

Application  
**EP 99941561 A 19990810**

Priority  
• DE 19835824 A 19980810  
• EP 9905807 W 19990810

Abstract (en)  
[origin: WO0009278A1] The invention relates to a pig casting machine comprising at least one endless conveyor belt (2), on which pig casting molds (3) are fixed, for conveying pig casting molds from a casting station (4) to a pig removal station and vice versa, wherein each pig casting mold is filled with molten metal as it passes through the casting station with the mold cavity facing upwards, in addition to a device for cooling the pig casting molds before, during and/or after casting, wherein the pig casting molds are embodied having a thin wall. According to the invention, in order to increase output and to be able to cast heavy metals in such a pig casting machine, the pig casting molds (3, 112, 207) are designed to receive molten metal at a melting temperature above 1,000 DEG C.

IPC 1-7  
**B22D 5/00**

IPC 8 full level  
**B22D 5/04** (2006.01); **B22D 5/00** (2006.01)

CPC (source: EP US)  
**B22D 5/00** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 0009278 A1 20000224**; AT E245064 T1 20030815; DE 59906310 D1 20030821; EP 1137501 A1 20011004; EP 1137501 B1 20030716; JP 2002522230 A 20020723; US 6497271 B1 20021224

DOCDB simple family (application)  
**EP 9905807 W 19990810**; AT 99941561 T 19990810; DE 59906310 T 19990810; EP 99941561 A 19990810; JP 2000564761 A 19990810; US 76251501 A 20010427