

Title (en)

Continuous casting machine with heatable multichamber furnace comprising a dependent mould

Title (de)

Stranggiessanlage mit einem beheizbaren Mehrkammerofen mit ofenabhängiger Kokille

Title (fr)

Machine de coulée continue avec four chauffable à chambres multiples comprenant une coquille dépendant du four

Publication

EP 0749789 B1 20010509 (DE)

Application

EP 96250133 A 19960614

Priority

DE 19523715 A 19950622

Abstract (en)

[origin: DE19523715C1] Molten metal is continuously cast in a horizontal continuous casting plant with a multi-chamber heatable furnace (1) to which a mould arrangement (5) is attached, mounted statically on a support frame (10) independent of the furnace. The furnace itself is dynamically supported on a weighing equipment (6), forming a measuring element connected to a pressure generating device (11). The mould arrangement and the furnace are connected via a compressible seal. During discontinuous, intermittent withdrawal of the strand, the weighing equipment is pref. operative for measurement while the withdrawal device is inoperative.

IPC 1-7

B22D 11/14; **B22D 11/18**

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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US 5873403 A 19990223; AT E200993 T1 20010515; BR 9602847 A 19990803; DE 19523715 C1 19961010; DE 59606864 D1 20010613; EP 0749789 A1 19961227; EP 0749789 B1 20010509; JP 3727415 B2 20051214; JP H0910894 A 19970114; KR 970000392 A 19970121; TW 330163 B 19980421

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US 83119197 A 19970402; AT 96250133 T 19960614; BR 9602847 A 19960620; DE 19523715 A 19950622; DE 59606864 T 19960614; EP 96250133 A 19960614; JP 14095596 A 19960510; KR 19960017219 A 19960521; TW 85103761 A 19960328