

Title (en)

SEALING MEANS FOR A NOZZLE IN THE CASTING SPACE OF A CONTINUOUS CASTING MACHINE WITH MOVING BELT

Publication

**EP 0237478 B1 19890524 (DE)**

Application

**EP 87810106 A 19870223**

Priority

CH 97286 A 19860310

Abstract (en)

[origin: US4785873A] Prior to reaching the nozzle's exit, the belt is pressed from outward against the nozzle by means of a rail supported by springs whereby the mould is reliably sealed off under all working conditions. Pressing the belt against the nozzle can also be achieved by means of pistons or the direct hydrostatic and/or hydrodynamic effect of the coolant from the outside or through various combined measures. In order to reduce friction and wear, the nozzle in the area of contact with one belt can be provided with a wear-resistant coating or wear-resistant inserts. This sealing method enables a casting process with high metalostatic pressure, consequently resulting in a high quality product.

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**B22D 11/06**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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