

Title (en)

Process and device for continuous casting of metal

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Giessen von Metall

Title (fr)

Procédé et dispositif pour la coulée continue de métal

Publication

EP 1057557 B1 20040811 (DE)

Application

EP 99810488 A 19990603

Priority

EP 99810488 A 19990603

Abstract (en)

[origin: EP1057557A1] A continuous casting process, comprises locating the melt feed opening (90) for the mould (24) in the tundish (40) and altering the metal level (M) in the tundish (40) to adjust the metal level above the opening (90). A continuous casting process comprises feeding molten metal (29) from a runner (42) into a tundish (40) and from the tundish through a passage opening (90) to form a free meniscus (29) in the inlet opening (26) of a mould (24) which forms a closed cross-section with inlet and outlet openings (26, 30). The melt supply to the mould (24) is regulated by adjustment of the metal level (M) in the tundish (40) and adjustment of the metal level above the passage opening (90). The passage opening (90) is located in the tundish (40) and the metal level (M) in the tundish (40) is altered to adjust the metal level above the passage opening (90). An independent claim is also included for a continuous casting machine for carrying out the above process.

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B22D 11/06

IPC 8 full level

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CPC (source: EP)

B22D 11/0602 (2013.01); **B22D 11/064** (2013.01)

Cited by

CN114985689A; CN108580826A; CN111570737A; CN109396366A; CN108594751A; CN103212677A

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