

Title (en)

Device for supplying molten metal to casting installations

Title (de)

Schmelzenentnahmevorrichtung für Schmelzenöfen zur Beschickung von Giessmaschinen

Title (fr)

Dispositif d'alimentation de métal fondu pour une machine à couler

Publication

EP 1130266 B1 20051026 (DE)

Application

EP 00890065 A 20000302

Priority

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Abstract (en)

[origin: EP1130266A1] Device to remove a melt from a melting furnace comprises a melt conveying pump (1) consisting of a pump tube (2) having a lower melt inlet (3) and an upper melt outlet (4); a shaft (5) supporting a pump rotor (6) running within the pump tube. A charging device (7) is connected to the melt conveying pump to keep the conveying height (h) constant. The charging device comprises a charging vessel (8) for receiving the pump tube with the melt inlet and a charging pump (10) which fills the charging vessel up to a melt overflow (9) determining the charging height. The conveying performance of the charging pump exceeds that of the conveying pump.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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