

Title (en)
USE OF MOULD NOZZLES

Publication
EP 0093068 B1 19860917 (FR)

Application
EP 83630058 A 19830411

Priority
LU 84103 A 19820422

Abstract (en)
[origin: EP0093068A1] 1. Use of mould nozzles, especially nozzles for feeding a continuous casting mould, constituted by a duct provided with at least one electromagnetic inductor (11) creating a rotating movement in the metal (M), characterized in that the metal level in the mould is measured, in that one acts upon a system (120), that controls the metal flow into the mould (1) through said nozzle (12) in dependence of the metal level in the mould, in that the relative variation of said flow and said level is compared with data obtained experimentally and in that the power supplied to the electromagnetic inductor(s) is varied according to said comparison.

IPC 1-7
B22D 11/10

IPC 8 full level
B22D 11/10 (2006.01); **B22D 11/115** (2006.01); **B22D 41/62** (2006.01)

CPC (source: EP)
B22D 11/115 (2013.01); **B22D 41/62** (2013.01)

Cited by
US4842170A; FR2572316A1; EP0155575A1; EP0197482A3; KR100426856B1; EP3332891A1; CN110167694A; BE1014278A3; DE19626776B4; EP1277531A3; US2015336170A1; CN106457368A; CN107774975A; US10118221B2; CN112570696A; US10875090B2; EP0778098A2; WO2018108477A1; US10464127B2; US10835954B2; US11383296B2

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EP 0093068 A1 19831102; EP 0093068 B1 19860917; AT E22240 T1 19861015; BR 8302050 A 19831227; DE 3366204 D1 19861023; JP S58196151 A 19831115; LU 84103 A1 19840302

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EP 83630058 A 19830411; AT 83630058 T 19830411; BR 8302050 A 19830420; DE 3366204 T 19830411; JP 6792683 A 19830419; LU 84103 A 19820422