

Title (en)
METHOD AND APPARATUS FOR CONTINUOUS CASTING

Publication
EP 0218855 B1 19891025 (DE)

Application
EP 86111710 A 19860823

Priority
DE 3533517 A 19850920

Abstract (en)
[origin: EP0218855A1] 1. Method for continuous casting in a continuous-casting mould having a mould cap (22) whose inner wall, while forming an overhang (8), protrudes beyond the inner wall of the continuous-casting mould, in which method the inner wall of the continuous-casting mould is cooled and lubricated, a gas under pressure, such as air, nitrogen or inert gas being fed at the overhang (8) of the mould cap (22) together with lubricant into the shaped hollow space into the continuous-casting mould, and a dummy block being used during casting, characterized in that a vacuum is produced in the gap between dummy block and mould running surface (7), and in that the parting compound and/or lubricant and the gas, before entry into the shaped hollow space of the continuous-casting mould (1), is mixed in a volumetric ration of 1-4:1000 while forming a gas/oil mist, and this mixture, starting at the overhang of the mould cap (22), is blown out in the discharge direction parallel to and along the mould running surface (7), a laminar flow being maintained.

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B22D 11/07

IPC 8 full level
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CPC (source: EP)
B22D 11/0401 (2013.01); **B22D 11/07** (2013.01)

Cited by
CN109014090A; US5343933A; FR2747063A1; US6109335A; FR2766394A1; FR2765126A1; FR2747060A1; GB2222792B; EP0941786A1; EP0449771A1; US5170838A; DE4212531C1; EP0566865A1; US5320159A; US6840303B1; WO9737792A1; WO02074471A1; WO2005042185A1; WO9904918A1; WO9737795A1

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