

Title (en)
HORIZONTAL CONTINUOUS CASTING PLANT

Publication
EP 0240837 A3 19880120 (DE)

Application
EP 87104362 A 19870324

Priority
DE 3611363 A 19860404

Abstract (en)
[origin: EP0240837A2] The plant has a storage vessel (1), to which the horizontal continuous casting mould (5) is applied by means of a sealing-off orifice (3) in a replaceable manner, the horizontal continuous casting mould (5) having a longitudinal portion (7) of a mould pipe (6), adjacent to the orifice (3), made of a highly heat-conducting material, adjoining which there is a longitudinal portion (8) of the mould pipe made of a less highly heat-conducting material, which longitudinal section (8) is arranged in a guide tube (10) which is made of steel and around which coolant flows on the outside. In order to improve the properties of the guide tube in respect of dimensional stability, durability and efficiency with sufficient heat conductivity, it is proposed to arrange the longitudinal portion (8) of the mould pipe made of the less highly heat-conducting material inside such a guide tube (10) which is made of corrosion-resistant, heat-resistant steel with a heat conductivity of 20 to 40 W/mK. <IMAGE>

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B22D 11/04; **B22D 11/14**

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/045** (2006.01); **B22D 11/055** (2006.01)

CPC (source: EP)
B22D 11/045 (2013.01)

Citation (search report)
• [A] AT 301073 B 19720715 - ADAMEC A [AT], et al
• [A] DE 2104616 A1 19710902 - GEN MOTORS CORP
• [A] DE 2520091 A1 19761118 - DAVY LOEWY LTD
• [AD] DE 2025764 A1 19710218 - GEN MOTORS CORP

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