

Title (en)
ELECTROMAGNETIC STIRRER IN A CONTINUOUS CASTING INSTALLATION

Publication
EP 0415170 A3 19920513 (DE)

Application
EP 90115533 A 19900814

Priority
DE 3928311 A 19890828

Abstract (en)
[origin: EP0415170A2] In an electromagnetic stirrer (1) for stirring the molten crater (3), the stirrer (1) is to be improved in such a way that an additional treatment of the cooling water for cooling the stirrer is no longer necessary. It is proposed to dip the stirring coils (4) in the stirrer housing (7) into a first, essentially stationary liquid (8). A system of cooling tubes for a second liquid (10) is arranged within the stirrer housing (7) in the region of this first liquid (8). <IMAGE>

IPC 1-7
B22D 11/10

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

CPC (source: EP KR US)
B22D 11/10 (2013.01 - KR); **B22D 11/115** (2013.01 - EP US)

Citation (search report)
• [A] DE 2921280 A1 19791129 - ARBED
• [A] EP 0317790 A1 19890531 - DANIELI OFF MECC [IT], et al
• [A] EP 0013840 A1 19800806 - CEM COMP ELECTRO MEC [FR]
• [A] EP 0117115 A1 19840829 - KAWASAKI STEEL CO [JP]
• [AD] FR 2441448 A1 19800613 - ROTELEC SA
• [A] PATENT ABSTRACTS OF JAPAN Band 12, Nr. 343 (M-741)(3190), 14. September 1988; & JP - A - 63104764 (MITSUBISHI HEAVY IND LTD) 10.05.1988

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