

Title (en)
CONTINUOUS CASTING MACHINE FOR CASTING OF PROFILED GIRDERS

Publication
EP 0391052 A3 19910410 (DE)

Application
EP 90103378 A 19900222

Priority
DE 3909009 A 19890318

Abstract (en)
[origin: EP0391052A2] A casting machine for casting preliminary profiles for section rolling comprises a cooled mould 2 and a strand guide 3 arranged downstream of the latter. <??>To improve economy in the production of sectional steel, extension surfaces 4b, 5b of the mould 2 are inclined at an angle of 20 to 45 DEG to the plane of the web surfaces, strand-guiding rollers 11, 12, 13 are arranged downstream of the web surfaces 4a, 5a, extension surfaces 4b, 5b and adjusting surfaces 4c, 5c, and guide elements 15 and 18, respectively, adjustable in the same direction are arranged downstream of adjustable end walls 1c, 1f provided with a projection 7a projecting into the moulding space. <IMAGE>

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B22D 11/04

IPC 8 full level
B22D 11/14 (2006.01); **B22D 11/00** (2006.01); **B22D 11/04** (2006.01); **B22D 11/05** (2006.01); **B22D 11/128** (2006.01)

CPC (source: EP KR US)
B22D 11/00 (2013.01 - KR); **B22D 11/009** (2013.01 - EP US); **B22D 11/0406** (2013.01 - EP US); **B22D 11/05** (2013.01 - EP US); **B22D 11/1281** (2013.01 - EP US)

Citation (search report)
• [A] US 4805685 A 19890221 - LORENTO DONALD P [CA]
• [A] GB 2105229 A 19830323 - NIPPON STEEL CORP [JP]
• [A] DE 1925186 A1 19700326 - CONCAST INC
• [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 128 (M-384)[1851], 4. Juni 1985; & JP-A-60 012 257 (SHIN NIPPON SEITETSU K.K.) 22-01-1985

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EP 0391052 A2 19901010; **EP 0391052 A3 19910410**; **EP 0391052 B1 19940202**; AT E101067 T1 19940215; BR 9001266 A 19910326; CA 2012363 A1 19900918; CA 2012363 C 19971021; CN 1025012 C 19940615; CN 1045717 A 19901003; DE 3909009 A1 19900920; DE 59004459 D1 19940317; ES 2049357 T3 19940416; JP 2895901 B2 19990531; JP H02284746 A 19901122; KR 900014057 A 19901022; KR 960013878 B1 19961010; RU 2019361 C1 19940915; UA 12312 A 19961225; US 5036902 A 19910806

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