

Title (en)

HORIZONTAL TYPE CONTINUOUS CASTING MACHINE FOR CASTING MOLTEN METAL INTO A PLURALITY OF CAST METAL STRANDS

Publication

EP 0164926 A3 19860820 (EN)

Application

EP 85303456 A 19850516

Priority

JP 11314684 A 19840604

Abstract (en)

[origin: EP0164926A2] A horizontal type continuous casting machine for casting molten metal into a plurality of cast metal strands, which comprises: a tundish (1) for receiving molten metal; a plurality of horizontal molds (3) each fitted, through a respective horizontal nozzle (2), to each of a plurality openings provided in a lower portion of a side wall of the tundish (1), the molds (3) being arranged in parallel with each other in the same horizontal level; a water-cooling means comprising a single jacket (12), for simultaneously cooling the plurality of molds (3) to solidify molten metal introduction from the tundish (1) through the nozzles (2) into the molds (3) into a plurality of cast metal strands (7); at least one pair of horizontal pinch rolls (13) each comprising an upper roll (13a) and a lower roll (13b), for simultaneously squeezing the plurality of cast metal strands (7) and simultaneously withdrawing same in the horizontal direction from the molds (3); and at least one horizontal guide roller (14) for simultaneously supporting and guiding the plurality of cast metal strands (7) from the molds (3) toward the pair of pinch rolls (13).

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

IPC 8 full level

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Citation (search report)

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EP 85902669 A 19850604; CA 482462 A 19850527; CH 56986 A 19850604; EP 85303456 A 19850516; ES 543846 A 19850603; JP 11314684 A 19840604; JP 8500317 W 19850604; KR 850003439 A 19850520