

Title (en)

Method and apparatus for casting metal strip

Title (de)

Verfahren und Vorrichtung zum Giessen von Metallbändern

Title (fr)

Procédé et dispositif pour la coulée de bandes métalliques

Publication

EP 0800880 A2 19971015 (EN)

Application

EP 97302492 A 19970411

Priority

AU PN935696 A 19960418

Abstract (en)

Metal strip is cast from a casting pool of molten metal supported above the nip between a pair of chilled casting rolls (16). The casting pool is confined by refractory plates (56) engaging the ends of the rolls (16). Molten metal in the casting pool in the vicinity of the end closures (56) is subjected to electromagnetic induction heating by passing electric current through electrical conductors (101) disposed outside the refractory plates (56). Each conductor (101) is in the form of a trapezium shaped loop of metal tube having wide top segment (107) and narrow bottom segment (108) connected by downwardly convergent side segments (109) aligned with roll edges. <IMAGE>

IPC 1-7

B22D 11/06

IPC 8 full level

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