

Title (en)

METHOD FOR STARTING UP A STEEL STRIP CASTING MACHINE

Publication

**EP 0238844 B1 19900411 (DE)**

Application

**EP 87102282 A 19870218**

Priority

DE 3606290 A 19860227

Abstract (en)

[origin: US4787438A] Apparatus and processes for use therewith are provided for the start-up of the continuous casting of strip metal, preferably steel, in which liquid metal is poured into a flared type continuous casting strip-shaped mold equipped with detector means for monitoring the instantaneous surface level of the liquid metal bath formed in the flared zone of the mold, and sensor means for sensing the presence of liquid in the core of the cast strip downstream of the mold, and means are further provided responsive to said detectors and sensor for controlling both the rate of pouring the liquid metal, and the start-up and rate of withdrawal of the cast strip to ensure the continuous presence of a liquid metal core in said cast strip downstream of said mold, for signalling when the distribution ports of the pouring tube become submerged, and for thereafter during casting maintaining a predetermined optimum operating surface level of said metal bath.

IPC 1-7

**B22D 11/20**

IPC 8 full level

**B22D 11/08** (2006.01); **B22D 11/20** (2006.01)

CPC (source: EP KR US)

**B22D 11/10** (2013.01 - KR); **B22D 11/20** (2013.01 - KR); **B22D 11/202** (2013.01 - EP US)

Cited by

DE4131829A1; EP0499117A3; EP0611619A3; US5460220A; WO9011150A1

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DOCDB simple family (publication)

**EP 0238844 A1 19870930**; **EP 0238844 B1 19900411**; CA 1286874 C 19910730; CN 1011387 B 19910130; CN 87100985 A 19870909; DE 3762192 D1 19900517; ES 2014002 B3 19900616; JP S62203651 A 19870908; KR 870007738 A 19870921; KR 950014347 B1 19951125; US 4787438 A 19881129

DOCDB simple family (application)

**EP 87102282 A 19870218**; CA 530605 A 19870225; CN 87100985 A 19870227; DE 3762192 T 19870218; ES 87102282 T 19870218; JP 4048987 A 19870225; KR 860011440 A 19861229; US 1465487 A 19870213