

Title (en)

METHOD FOR THE HOT REPAIR OF A TUNDISH OF A CONTINUOUS CASTING PLANT

Publication

EP 0044826 B1 19840222 (DE)

Application

EP 81890116 A 19810708

Priority

AT 368580 A 19800716

Abstract (en)

[origin: CA1168522A] There is described a method for the hot repair of the protective layer provided on the permanent lining of a tundish of a continuous casting plant. The method can be carried out simply and quickly, with thermal losses of the tundish being largely prevented and heat influences on the personnel being eliminated, by retaining an amount of residual steel with a slag layer in the tundish. The residual-steel amount plus slag layer is cooled till solidification, is removed from the tundish in a still hot state, and a repair-mass constituting the protective layer is sprayed onto the permanent lining of the still hot tundish.

IPC 1-7

B22D 11/10; B22D 41/02

IPC 8 full level

B22D 11/10 (2006.01); **B22D 41/02** (2006.01); **B22D 41/20** (2006.01)

CPC (source: EP US)

B22D 41/02 (2013.01 - EP US); **B22D 41/20** (2013.01 - EP US); **Y10T 29/49746** (2015.01 - EP US); **Y10T 29/49984** (2015.01 - EP US);
Y10T 29/49989 (2015.01 - EP US)

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0044826 A1 19820127; EP 0044826 B1 19840222; AT 375850 B 19840910; AT A368580 A 19840215; CA 1168522 A 19840605;
DE 3162369 D1 19840329; JP S5750257 A 19820324; US 4506425 A 19850326

DOCDB simple family (application)

EP 81890116 A 19810708; AT 368580 A 19800716; CA 380755 A 19810626; DE 3162369 T 19810708; JP 11062081 A 19810714;
US 28320381 A 19810714