

Title (en)

Covering powder for a mold for continuous casting of steel, particularly for very low carbon steels

Title (de)

Ein Stahlstranggussform deckendes Giesspulver, insbesondere für Stahl mit sehr niedrigem Kohlenstoffgehalt

Title (fr)

Poudre de couverture de lingotière de coulée continue de l'acier, notamment d'aciers à très basse teneur en carbone

Publication

EP 0723828 B1 20000524 (FR)

Application

EP 96400191 A 19960126

Priority

FR 9500915 A 19950127

Abstract (en)

[origin: EP0723828A1] Powder used to cover molten steel which is being continuously cast in a mould, to exclude air and serve as a lubricant, is in the form of granules of dia. 20-800, pref. 300-500, μ m and made by atomisation. The powder contains 0-1 wt.% of free C and a small amt. of at least one nitride, of Si, B, Al, Ti, Mn, Zr, Fe or Cr.

IPC 1-7

B22D 11/10

IPC 8 full level

B22D 11/10 (2006.01); **B22D 11/108** (2006.01); **B22D 11/111** (2006.01)

CPC (source: EP KR US)

B22D 11/10 (2013.01 - KR); **B22D 11/111** (2013.01 - EP US)

Cited by

EP1602425A1; CN103817301A

Designated contracting state (EPC)

AT BE DE DK ES FR GB IT LU NL PT SE

DOCDB simple family (publication)

EP 0723828 A1 19960731; **EP 0723828 B1 20000524**; AT E193234 T1 20000615; CA 2186447 A1 19960801; DE 69608473 D1 20000629; DE 69608473 T2 20000928; ES 2146844 T3 20000816; FR 2729875 A1 19960802; FR 2729875 B1 19970221; JP H09510923 A 19971104; KR 100349589 B1 20021113; KR 970701603 A 19970412; TW 295558 B 19970111; US 5876482 A 19990302; US 6328781 B1 20011211; WO 9622850 A1 19960801

DOCDB simple family (application)

EP 96400191 A 19960126; AT 96400191 T 19960126; CA 2186447 A 19960126; DE 69608473 T 19960126; ES 96400191 T 19960126; FR 9500915 A 19950127; FR 9600134 W 19960126; JP 52268996 A 19960126; KR 19960705155 A 19960917; TW 85103059 A 19960314; US 17009098 A 19981013; US 71643096 A 19960920