

Title (en)
CASTING NOZZLE FOR THIN STRIP CASTING PLANTS

Title (de)
GIESSDÜSE FÜR DÜNNBANDGIESSANLAGEN

Title (fr)
BUSE DE COULEE POUR INSTALLATIONS DE COULEE DE FEUILLARDS DE FAIBLE EPAISSEUR

Publication
EP 0958074 B1 20010829 (DE)

Application
EP 97926986 A 19970603

Priority
• DE 9701151 W 19970603
• DE 19622924 A 19960607
• DE 19636697 A 19960910

Abstract (en)
[origin: US6112954A] PCT No. PCT/DE97/01151 Sec. 371 Date Dec. 4, 1998 Sec. 102(e) Date Dec. 4, 1998 PCT Filed Jun. 3, 1997 PCT Pub. No. WO97/47412 PCT Pub. Date Dec. 18, 1997A nozzle for thin strip casting plants, especially for steel strip. In casting plants of this type, the liquid steel must be applied on a carrier from the nozzle forming a casting gap. At least one primary coil and a secondary coil are arranged at the nozzle, wherein the secondary coil is water-cooled and projects into the area of the casting gap.

IPC 1-7
B22D 11/06; **B22D 41/60**

IPC 8 full level
B22D 11/06 (2006.01); **B22D 11/10** (2006.01); **B22D 11/115** (2006.01); **B22D 41/50** (2006.01); **B22D 41/60** (2006.01)

CPC (source: EP US)
B22D 11/0631 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 6112954 A 20000905; AT E204794 T1 20010915; AU 3164597 A 19980107; AU 715986 B2 20000210; BR 9709772 A 20000125; CN 1072054 C 20011003; CN 1221362 A 19990630; DK 0958074 T3 20011008; EP 0958074 A1 19991124; EP 0958074 B1 20010829; ES 2159869 T3 20011016; JP 2000512554 A 20000926; JP 3132832 B2 20010205; RU 2153950 C1 20000810; TR 199802192 T2 19990222; WO 9747412 A1 19971218

DOCDB simple family (application)
US 19484998 A 19981204; AT 97926986 T 19970603; AU 3164597 A 19970603; BR 9709772 A 19970603; CN 97195261 A 19970603; DE 9701151 W 19970603; DK 97926986 T 19970603; EP 97926986 A 19970603; ES 97926986 T 19970603; JP 50105698 A 19970603; RU 99100090 A 19970603; TR 9802192 T 19970603