

Title (en)

ARRANGEMENT OF AN IMMersed POURING NOZZLE IN AN INGOT MOULD FOR CONTINUOUS SLAB STEEL CASTING

Title (de)

ANORDNUNG EINES TAUCHAUSGUSSES IN EINER KOKILLE ZUM STRANGGIESSEN VON BRAMMEN

Title (fr)

AGENCEMENT D'UNE BUSETTE DE COULEE IMMERGEE DANS UNE LINGOTIERE POUR LA COULEE CONTINUE DE BRAMES

Publication

EP 1062067 A1 20001227 (DE)

Application

EP 99910134 A 19990209

Priority

- DE 9900402 W 19990209
- DE 19811957 A 19980313

Abstract (en)

[origin: DE19811957A1] The top edge of the outlet opening (5) is at least 50 mm below the melt surface level (20). The pouring pipe (2) is centered w.r.t. the mold broadside walls of the mold (1). The distance (21) of the melt outflow point to the narrow-side wall (6) is at least 1/3 of the length (22) of the mold broadside wall.

IPC 1-7

B22D 41/50

IPC 8 full level

B22D 11/10 (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP KR)

B22D 41/50 (2013.01 - EP KR)

Citation (search report)

See references of WO 9947297A1

Designated contracting state (EPC)

DE ES FR GB NL

DOCDB simple family (publication)

DE 19811957 A1 19990916; DE 19811957 C2 20020516; EP 1062067 A1 20001227; JP 2002506735 A 20020305; KR 20010041621 A 20010525; WO 9947297 A1 19990923

DOCDB simple family (application)

DE 19811957 A 19980313; DE 9900402 W 19990209; EP 99910134 A 19990209; JP 2000536517 A 19990209; KR 20007009820 A 20000905