

Title (en)
Lubrication of continuous casting moulds.

Title (de)
Schmierung von Stranggiesskokillen.

Title (fr)
Lubrification des lingotières de coulée continue.

Publication
EP 0372946 A2 19900613 (EN)

Application
EP 89312746 A 19891207

Priority
CA 585388 A 19881208

Abstract (en)
A continuous casting mould apparatus is provided which includes a liquid reservoir (30) for holding lubricating agent, the agent being applied through channels (29) over the surface of the mould walls (11) by passage from the reservoir (30). The reservoir (30) is adapted to hold a body of lubricant in a lower region thereof with the lubricant covering all of a plurality of outlets (29) from the reservoir (30) to the mould walls (11). A gas cushion is provided above the body of lubricant whereby a uniform lubricant flow is discharged through all outlets (29), this gas cushion being generated by feeding lubricant into the reservoir under pressure.

IPC 1-7
B22D 11/07

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/041** (2006.01); **B22D 11/049** (2006.01); **B22D 11/07** (2006.01)

CPC (source: EP)
B22D 11/0401 (2013.01); **B22D 11/07** (2013.01)

Cited by
US5320159A; US5343933A; EP0560024A3; DE102017127048A1; DE102017127048B4; EP0941786A1; EP0599750A1; FR2698298A1; US5431213A; US6840303B1; WO9110523A1; WO9400258A1

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

DOCDB simple family (publication)
EP 0372946 A2 19900613; **EP 0372946 A3 19910206**; AU 4594789 A 19900621; AU 620180 B2 19920213; BR 8906350 A 19900821; JP H02247046 A 19901002; NO 894914 D0 19891207; NO 894914 L 19900611; NZ 231671 A 19910827

DOCDB simple family (application)
EP 89312746 A 19891207; AU 4594789 A 19891207; BR 8906350 A 19891208; JP 32036189 A 19891208; NO 894914 A 19891207; NZ 23167189 A 19891207