

Title (en)
CAST METALLIC STRIP AND METHOD AND APPARATUS FOR PRODUCING SAME

Publication
EP 0050397 B1 19840905 (EN)

Application
EP 81302057 A 19810508

Priority
US 19914980 A 19801022

Abstract (en)
[origin: EP0050397A2] A rapidly quenched, cast metallic strip (30) is disclosed comprising a plurality of dissimilar portions (a, b, c, d) each portion metallurgically alloy-bonded during casting to an adjacent portion or portions along the longitudinal extent of the strip (30). In the method and apparatus for producing such strip (30) a stream of molten metal is delivered onto a casting surface (18) from a first crucible (10) and at least one additional dissimilar stream of molten metal is delivered onto the casting surface (18) from a second crucible (11) such that a peripheral edge of the dissimilar stream contacts a peripheral edge portion of an adjacent dissimilar metal to create a metallurgical alloy-bond therebetween during casting.

IPC 1-7
B22D 11/01; **B22D 11/06**; **C22C 38/00**; **H01F 1/14**

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/06** (2006.01); **B22D 19/14** (2006.01)

CPC (source: EP KR)
B22D 11/00 (2013.01 - KR); **B22D 11/007** (2013.01 - EP); **B22D 11/0611** (2013.01 - EP); **B22D 19/14** (2013.01 - EP)

Cited by
EP0099599A1; EP0208890A3; US5071618A; EP0111728A3; EP0352035A3; FR2555922A1; GB2249482A; GB2249482B; EP0322799A3; WO2013112129A1; WO9011724A1

Designated contracting state (EPC)
BE DE FR GB IT SE

DOCDB simple family (publication)
EP 0050397 A2 19820428; **EP 0050397 A3 19820526**; **EP 0050397 B1 19840905**; AT 382331 B 19870210; AT A205481 A 19860715; AU 6997481 A 19820429; BR 8102814 A 19820824; CA 1194271 A 19851001; DE 3165829 D1 19841011; ES 502057 A0 19820816; ES 8206236 A1 19820816; HU 183417 B 19840528; JP H0478386 B2 19921211; JP S5772756 A 19820507; KR 830005931 A 19830914; KR 850000920 B1 19850628; MX 155476 A 19880317; MX 165980 B 19921214; NO 811584 L 19820423; PL 231039 A1 19820426; RO 82806 A 19840114; RO 82806 B 19840130; YU 96681 A 19831231

DOCDB simple family (application)
EP 81302057 A 19810508; AT 205481 A 19810508; AU 6997481 A 19810429; BR 8102814 A 19810507; CA 377226 A 19810508; DE 3165829 T 19810508; ES 502057 A 19810508; HU 117081 A 19810505; JP 6844081 A 19810508; KR 810001545 A 19810504; MX 1016681 A 19810508; MX 18719881 A 19810508; NO 811584 A 19810508; PL 23103981 A 19810508; RO 10422481 A 19810507; YU 96681 A 19810414