

Title (en)
SHRINKAGE COMPENSATING DEVICE FOR A CONTINUOUS CASTING MOULD

Publication
EP 0104373 B1 19860409 (DE)

Application
EP 83107725 A 19830805

Priority
DE 3232147 A 19820830

Abstract (en)
[origin: ES8404886A1] A continuous casting apparatus for a metal casting arranged to compensate for shrinkage of the casting in a cross sectional plane of the casting normal to the casting direction. The apparatus includes a pair of endless casting belts each spaced from and facing the other to form respective mold walls and arranged for movement in the casting direction. A pair of endless articulated mold walls, each spaced from and facing the other, is disposed between the casting belts and arranged to move with the casting belts in the casting direction. The spacing between the articulated mold walls and between the casting belts is greater upstream than downstream relative to the casting direction. Each articulated mold wall includes a plurality of dam blocks. Each block has an inner face disposed at an angle relative to the casting belts and defining a surface of the casting transverse to the casting belts, and an outer face disposed at an angle relative to the casting belts and facing a direction opposite to that of the inner face. At least one of the faces of each dam block is adjustable in height between the casting belts. Guide means are provided for adjusting the height of the at least one face of each dam block.

IPC 1-7
B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP US)
B22D 11/066 (2013.01 - EP US)

Cited by
DE4418160C2; GB2145358A

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AT BE CH FR GB IT LI LU NL SE

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EP 0104373 A1 19840404; EP 0104373 B1 19860409; AT E19013 T1 19860415; DE 3232147 A1 19840308; DE 3232147 C2 19841206; ES 525208 A0 19840516; ES 8404886 A1 19840516; JP S5956951 A 19840402; US 4510990 A 19850416

DOCDB simple family (application)
EP 83107725 A 19830805; AT 83107725 T 19830805; DE 3232147 A 19820830; ES 525208 A 19830829; JP 15728083 A 19830830; US 52794983 A 19830830