

Title (en)

CONTINUOUS-CASTING MOULDS SUITABLE FOR THE CURVED CONTINUOUS CASTING OF POLYGONAL STEEL SECTIONS, AND
PROCESS FOR FINISHING THEIR INNER FACES

Publication

EP 0030515 B1 19830713 (DE)

Application

EP 80630053 A 19801126

Priority

LU 81982 A 19791211

Abstract (en)

[origin: US4390057A] A continuous casting mold for producing polygonal steel profiles by continuous casting by the curved-mold method, comprises individual plates defining the sides of the molds. The four plates are provided with recesses at their extremities which form abutting joint edges and the edges are held flush with one another by shims inserted between opposing surfaces of the plates at the corners thereof. One pair of plates is provided with radius or bevels so that the cross section of the interior of the mold is octagonal. According to the invention, moreover, the chamfered or bevelled surfaces and the surfaces between them are machined and a corresponding insertion shim is provided to insure that the edges are flush with one another.

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 7/00 (2006.01); **B22C 9/22** (2006.01); **B22D 11/04** (2006.01); **B22D 11/043** (2006.01)

CPC (source: EP US)

B22D 11/043 (2013.01 - EP US)

Citation (examination)

- DE 1220090 B 19660630 - CONTINUOUS CASTING COMPANY LTD, et al
- DE 1964048 A1 19710624 - KABEL METALLWERKE GHH
- DE 1939777 A1 19710218 - KABEL METALLWERKE GHH
- DE 1092613 B 19601110 - MANNESMANN AG
- DE 2549011 A1 19760506 - CONCAST AG

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0030515 A1 19810617; EP 0030515 B1 19830713; AT E4089 T1 19830715; AU 6524080 A 19810618; CA 1160424 A 19840117;
DE 3064159 D1 19830818; JP S5695449 A 19810801; LU 81982 A1 19810723; US 4390057 A 19830628; ZA 807776 B 19810930

DOCDB simple family (application)

EP 80630053 A 19801126; AT 80630053 T 19801126; AU 6524080 A 19801210; CA 366493 A 19801210; DE 3064159 T 19801126;
JP 17389580 A 19801211; LU 81982 A 19791211; US 25909381 A 19810430; ZA 807776 A 19801211