

Title (en)

PROCESS AND APPARATUS FOR INSERTING AND REMOVING A DUMMY BAR AT CONTINUOUS CASTING WHEN THE CROSS-SECTIONAL FORMAT OF THE STRAND IS CHANGED

Publication

EP 0039303 B1 19840711 (DE)

Application

EP 81630030 A 19810403

Priority

LU 82409 A 19800428

Abstract (en)

[origin: EP0039303A1] 1. Method for a rapid insertion and removal of a dummy bar chain (1,0) upon a change in the cross sectional format of a continuous casting installation, characterized in that the dummy bar chain (1,0) is guided into a preferably arcuate first guide (1,9) on a swingable ramp (1,2), that the swingable ramp (1,2) is risen so that the first guide (1,9) is connected to a second preferably arcuate guide (1,4), that the dummy bar chain (1,0) is separated into two parts, a head segment (1,5) and a remainder (1,1) that the head segment (1,5) is displaced in the second guide (1,4) so that it can be gripped and transferred by way of a gripper-lift-displacer device (1,6/1,7/1,8) into a magazine (2,2) and stored there, that the gripper-lift-displacer device takes another head segment (1,5) having a different cross-sectional format and transfers it into the second guide (1,4), and that the head segment (1,5) is coupled to the remainder (1,1).

IPC 1-7

B22D 11/08

IPC 8 full level

B22D 11/08 (2006.01)

CPC (source: EP)

B22D 11/085 (2013.01)

Cited by

CN114313599A; EP0333553A1; FR2628350A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0039303 A1 19811104; EP 0039303 B1 19840711; AT E8346 T1 19840715; AU 536813 B2 19840524; AU 6992181 A 19811105; CA 1183323 A 19850305; DE 3164671 D1 19840816; JP S5722855 A 19820205; LU 82409 A1 19820120; ZA 812685 B 19820428

DOCDB simple family (application)

EP 81630030 A 19810403; AT 81630030 T 19810403; AU 6992181 A 19810428; CA 376288 A 19810427; DE 3164671 T 19810403; JP 6265481 A 19810427; LU 82409 A 19800428; ZA 812685 A 19810423