

Title (en)

SIDE DAM FOR THE SIDE CLOSURE OF THE CASTING SPACE IN A TWIN-BELT CONTINUOUS-CASTING MACHINE, AND PROCESS FOR THE MAINTENANCE OF THE CONTINUOUS-CASTING MACHINE

Publication

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Application

EP 87810354 A 19870622

Priority

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- CH 341086 A 19860825

Abstract (en)

[origin: US4794978A] A side dam consisting of elements is arranged laterally of the casting nozzle and the casting mold. The side dam with the elements travels over two pulleys. Each element consists of a carrier and an easily exchangeable block which is connected to the carrier. Each carrier is supported at one end on a guide rail and a pulley by way of a foot and is swivel mounted at the other end to the foot of the neighboring element by way of a connection rod. By these measures optimum conditions are provided so that the side dam travels at a constant speed, despite the application of relatively long elements. Defect blocks can be exchanged during operation. The side dam's plane of motion is parallel to the mold wall's planes of motion and the side dam can herewith be adjusted at any desired depth between the casting mold walls, whereby the width of the cast product is determined.

IPC 1-7

B22D 11/06

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE3801709A1; CN103648684A; EP0974413A1; DE102016108806A1; CN109996623A; US11618624B2; WO2013004535A1

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