

Title (en)

METHOD TO AVOID DAMAGE TO CAST GUIDE ELEMENTS IN A CONTINUOUS STEEL CASTING ASSEMBLY

Publication

**EP 0008692 B2 19860402 (DE)**

Application

**EP 79102851 A 19790808**

Priority

CH 855878 A 19780811

Abstract (en)

[origin: ES483927A1] A method for preventing damage to the strand guide elements of strand guide arrangements or roller aprons of a continuous casting installation for metals, especially steel, wherein it is possible to withdraw a strand which is immobile in the strand guide arrangement or roller apron, by means of a powerful withdrawal unit, without the risk of damaging elements of the strand guide arrangement. At pre-selected locations of the strand guide arrangement there are determined the withdrawal forces effective at such locations and acting upon the elements of the strand guide arrangement. Upon exceeding maximum permissible values the strand withdrawal operation is interrupted.

IPC 1-7

**B22D 11/16**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**EP 0008692 A1 19800319**; **EP 0008692 B1 19810128**; **EP 0008692 B2 19860402**; AT E7 T1 19810215; BR 7905115 A 19800429; CA 1130982 A 19820907; CH 630821 A5 19820715; DE 2960098 D1 19810319; ES 483927 A1 19800516; JP S5524800 A 19800222; US 4317482 A 19820302; ZA 794099 B 19800827

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