

Title (en)  
METHOD FOR TREATING BORON-CONTAINING STEEL

Publication  
**EP 0012226 B1 19820120 (DE)**

Application  
**EP 79104467 A 19791113**

Priority  
CH 1181178 A 19781117

Abstract (en)  
[origin: ES8101123A1] A method of treating boron-containing steel for continuous casting, especially for teeming or pouring into small sectional shapes or formats with unregulated nozzles. There is introduced into the molten steel located in the casting ladle, by means of an inert carrier gas, in a powder form calcium or a compound thereof, at least one element forming a stable nitride at the melt temperature of the steel and boron or a boron compound. The thus treated steel is protected from renewed reaction with air along its path between the ladle and the continuous casting mold.

IPC 1-7  
**C21C 7/00; B22D 11/10**

IPC 8 full level  
**C21C 7/04** (2006.01); **B22D 1/00** (2006.01); **B22D 11/10** (2006.01); **B22D 11/08** (2006.01); **B22D 11/11** (2006.01); **C21C 7/00** (2006.01); **C21C 7/072** (2006.01); **C22C 33/04** (2006.01)

CPC (source: EP US)  
**B22D 11/11** (2013.01 - EP US); **C21C 7/0006** (2013.01 - EP US); **C21C 7/0037** (2013.01 - EP US); **C21C 2007/0018** (2013.01 - EP US)

Cited by  
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AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0012226 A1 19800625; EP 0012226 B1 19820120**; AR 217014 A1 19800215; AT E591 T1 19820215; BR 7907238 A 19800708; CA 1142761 A 19830315; DE 2961903 D1 19820304; ES 486598 A0 19801201; ES 8101123 A1 19801201; FI 793135 A 19800518; JP S5569214 A 19800524; JP S6014810 B2 19850416; TR 20525 A 19811005; US 4251268 A 19810217; ZA 795853 B 19801029

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