

Title (en)

PROCESS AND INSTALLATION FOR RENEWING THE REFRACTORY LINING OF FOUNDRY LADLES.

Title (de)

VERFAHREN UND ANLAGE ZUR WIEDERHERSTELLUNG DER FEUERFESTEN AUSKLEIDUNG VON GIESSPFANNEN.

Title (fr)

PROCEDE ET INSTALLATION DE RECONSTITUTION DU REVETEMENT REFRACTAIRE DE POCHES DE COULEE.

Publication

EP 0514383 B1 19931020 (DE)

Application

EP 91901674 A 19910114

Priority

DE 4003646 A 19900207

Abstract (en)

[origin: US5330690A] PCT No. PCT/DE91/00021 Sec. 371 Date Aug. 4, 1992 Sec. 102(e) Date Aug. 4, 1992 PCT Filed Jan. 14, 1991 PCT Pub. No. WO91/12103 PCT Pub. Date Aug. 22, 1991. A process for renewing the refractory lining of a ladle for casting steel and of similar metallurgical vessels. While the ladle (10) is still hot, the slag (S) still adhering to the inner surface (26) is melted off from the remaining lining (2) with the aid of a high-temperature burner (9) operating under reducing conditions and allowed to run out of the ladle (10) in the molten condition. After cooling, the glassy surface of the remaining lining (2) is roughened. The new refractory lining (30) is then applied by casting, with the aid of a template.

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IPC 8 full level

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CPC (source: EP US)

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US 5330690 A 19940719; AT E96065 T1 19931115; AU 636704 B2 19930506; AU 7046291 A 19910903; BR 9105928 A 19921103; CA 2075484 A1 19910808; CA 2075484 C 20010320; DE 4003646 C1 19901213; DE 59100509 D1 19931125; DK 0514383 T3 19940321; EP 0514383 A1 19921125; EP 0514383 B1 19931020; ES 2046886 T3 19940201; GR 1001444 B 19931230; GR 910100048 A 19920630; JP H05503879 A 19930624; JP H0798266 B2 19951025; TR 26175 A 19950215; WO 9112103 A1 19910822; ZA 91454 B 19911127

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