

Title (en)

Process for increasing the life of fire-proof lining for vessels.

Title (de)

Verfahren zur Haltbarkeitssteigerung von feuerfesten Gefäßzustellungen.

Title (fr)

Procédé pour augmenter la solidité d'un revêtement réfractaire d'enceinte.

Publication

EP 0432628 B1 19950301 (DE)

Application

EP 90123340 A 19901205

Priority

DE 3940575 A 19891208

Abstract (en)

[origin: EP0432628A1] The process, by means of which the durability of refractory linings in vessels, which contain inclined regions or conical parts in the inner contour, is controlled, comprises oblique laying of the refractory bricks, following the inner contour of the vessel. The inclined position of the bricks is accomplished stepwise by means of a plurality of layers of deflection bricks suitable for machine pressing and having a known, uniform density. By means of this process, softer transitions from horizontal to oblique brick laying can be achieved. <IMAGE>

IPC 1-7

C21C 5/44; **F27D 1/04**

IPC 8 full level

B22D 41/02 (2006.01); **C21C 5/44** (2006.01); **F27D 1/00** (2006.01); **F27D 1/04** (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP KR US)

C21C 5/44 (2013.01 - EP KR US); **F27D 1/004** (2013.01 - EP US); **F27D 1/04** (2013.01 - EP US)

Cited by

FR2687690A1; ES2063677A2; BE1007881A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0432628 A1 19910619; **EP 0432628 B1 19950301**; AT E119209 T1 19950315; AU 633999 B2 19930211; AU 6766790 A 19910613; BR 9006243 A 19910924; CA 2031271 A1 19910609; CA 2031271 C 19960227; CN 1019758 B 19921230; CN 1052270 A 19910619; CS 611290 A3 19920513; DE 3940575 A1 19910613; DE 3940575 C2 19910912; DE 59008587 D1 19950406; DK 0432628 T3 19950724; ES 2068976 T3 19950501; HU 210999 B 19950928; HU 907664 D0 19910628; HU T57109 A 19911128; JP H04220160 A 19920811; JP H08289 B2 19960110; KR 910012270 A 19910807; KR 930005888 B1 19930625; NZ 236331 A 19930927; PL 167827 B1 19951130; RU 2098731 C1 19971210; TR 26573 A 19950315; US 5316268 A 19940531; ZA 909615 B 19911030

DOCDB simple family (application)

EP 90123340 A 19901205; AT 90123340 T 19901205; AU 6766790 A 19901130; BR 9006243 A 19901207; CA 2031271 A 19901130; CN 90109960 A 19901208; CS 611290 A 19901207; DE 3940575 A 19891208; DE 59008587 T 19901205; DK 90123340 T 19901205; ES 90123340 T 19901205; HU 766490 A 19901127; JP 41569890 A 19901210; KR 900020203 A 19901208; NZ 23633190 A 19901204; PL 28814290 A 19901207; SU 4894129 A 19901207; TR 116390 A 19901206; US 5482693 A 19930430; ZA 909615 A 19901129