

Title (en)

Lining for ladles, tundishes and similar receptacles used in the iron and steel industry

Title (de)

Auskleidung für Giesspfannen , Zwischengefäße und dergleiche Behältern zum Gebrauch in der Eisen- und Stahlindustrie

Title (fr)

Garnissage réfractaire pour poches de coulée , paniers intermédiaires et récipients similaires, utilisable dans l'industrie sidérurgique

Publication

**EP 1222982 A3 20030716 (EN)**

Application

**EP 02000486 A 20020108**

Priority

IT BA20010004 A 20010116

Abstract (en)

[origin: EP1222982A2] Lining for ladles, tundishes and similar receptacles used in the iron and steel industry, comprising some layers of refractory bricks joined together with alumina- or zircon-based stuccos treated with a carbon additive.

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IPC 8 full level

**B22D 41/02** (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] DE 2559151 A1 19760701 - DAUSSAN
- [DY] EP 0505542 A1 19920930 - SOMERGOM SRL [IT]
- [A] EP 0547619 A1 19930623 - DIDIER WERKE AG [DE], et al
- [A] US 3528647 A 19700915 - HYDE JACK
- [A] DD 282635 A5 19900919 - BANDSTAHLKOMBINAT MATERN VEB [DD]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 012, no. 364 (M - 747) 29 September 1988 (1988-09-29)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 014, no. 069 (M - 0932) 8 February 1990 (1990-02-08)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 094 (M - 1561) 16 February 1994 (1994-02-16)

Cited by

CN107427904A; GB2407260A; GB2407260B; CN103464735A; CN112264612A; US10507523B2; WO2015043452A1

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