Title (en)
METHOD AND APPARATUS FOR CLEANING COMBUSTION DEVICES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM REINIGEN VON VERBRENNUNGSEINRICHTUNGEN

Title (fr)
PROCEDE ET APPAREIL POUR NETTOYER DES INCINERATEURS

Publication
EP 1362213 B1 20041215 (DE)

Application
EP 02704538 A 20020325

Priority
• CH 0200174 W 20020325
• CH 7002001 A 20010412
• CH 1542002 A 20020130

Abstract (en)
[origin: US6935281B2] An on-line method and a device for cleaning of contamination such as caking or slag deposits from surfaces in vessels and combustion installations by means of blasting technology. An explosive gas mixture is made to detonate in the proximity of the deposits and thereby clean the deposits from the surfaces.

IPC 1-7
F27D 23/02; B08B 7/00

IPC 8 full level
B08B 7/00 (2006.01); **F22B 37/18** (2006.01); **F23H 15/00** (2006.01); **F23J 3/00** (2006.01); **F27D 1/16** (2006.01); **F27D 25/00** (2010.01); **F28G 1/00** (2006.01)

IPC 8 main group level
F27D (2006.01)

CPC (source: EP KR US)
B08B 7/0007 (2013.01 - EP US); **B08B 9/08** (2013.01 - EP US); **F23J 1/00** (2013.01 - KR); **F27D 25/006** (2013.01 - EP US)

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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WO 02084193 A1 20021024; AT E285059 T1 20050115; AU 2002238344 B2 20070712; CA 2443916 A1 20021024; CA 2443916 C 20100601; CN 100538240 C 20090909; CN 1514925 A 20040721; CZ 20032807 A3 20040512; CZ 304976 B6 20150225; DE 50201779 D1 20050120; DK 1362213 T3 20050411; EP 1362213 A1 20031119; EP 1362213 B1 20041215; ES 2235009 T3 20050701; JP 2004526935 A 20040902; JP 2010023035 A 20100204; JP 4526230 B2 20100818; KR 100926846 B1 20091113; KR 20040005914 A 20040116; NO 20034587 D0 20031013; NO 20034587 L 20031212; NO 332060 B1 20120611; PL 200448 B1 20090130; PL 364440 A1 20041213; PT 1362213 E 20050429; SK 12972003 A3 20040504; SK 287434 B6 20100907; TW 593931 B 20040621; US 2004112306 A1 20040617; US 6935281 B2 20050830

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CH 0200174 W 20020325; AT 02704538 T 20020325; AU 2002238344 A 20020325; CA 2443916 A 20020325; CN 02811666 A 20020325; CZ 20032807 A 20020325; DE 50201779 T 20020325; DK 02704538 T 20020325; EP 02704538 A 20020325; ES 02704538 T 20020325; JP 2002592699 A 20020325; JP 2009246507 A 20091027; KR 20037013229 A 20020325; NO 20034587 A 20031013; PL 36444002 A 20020325; PT 02704538 T 20020325; SK 12972003 A 20020325; TW 91106369 A 20020329; US 47457603 A 20031113