

Title (en)
CUT-OFF DEVICE FOR CONCRETE STRUCTURES

Title (de)
VORRICHTUNG ZUM KÖPFEN VON BETONBAUWERKEN

Title (fr)
DISPOSITIF DE RECEPAGE POUR DES OUVRAGES EN BETON

Publication
EP 1147264 B1 20030423 (FR)

Application
EP 99959474 A 19991210

Priority

- FR 9903088 W 19991210
- FR 9815848 A 19981211

Abstract (en)
[origin: US6623212B1] A cut-off element for concrete structures is formed by a plastic material flask having a flat-closed base and a tapering side envelope forming an acute angle with the base, said angle being between 25° and 60° for generating expansion forces so as to provoke a fracture of the concrete part along the cut-off zone defined by the base, and a lifting movement with slight amplitude of the concrete block after cut-off.

IPC 1-7
E02D 9/00

IPC 8 full level
E02D 9/00 (2006.01)

CPC (source: EP KR US)
E02D 9/005 (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6623212 B1 20030923; AT E238458 T1 20030515; AU 1663500 A 20000703; BR 9916100 A 20010904; CA 2353967 A1 20000622; CN 1329690 A 20020102; CN 1332098 C 20070815; CZ 20012047 A3 20020612; CZ 299514 B6 20080820; DE 69907273 D1 20030528; DE 69907273 T2 20040506; EP 1147264 A1 20011024; EP 1147264 B1 20030423; ES 2198159 T3 20040116; FR 2787131 A1 20000616; FR 2787131 B1 20010316; HK 1039972 A1 20020517; HK 1039972 B 20071109; HU P0104597 A2 20020328; HU P0104597 A3 20020429; IL 143497 A0 20020421; IL 143497 A 20050619; JP 2002532642 A 20021002; JP 4118517 B2 20080716; KR 100707109 B1 20070413; KR 20010093153 A 20011027; MX PA01005715 A 20030714; PL 203381 B1 20090930; PL 348183 A1 20020506; PT 1147264 E 20031128; TR 200101694 T2 20020121; WO 0036228 A1 20000622

DOCDB simple family (application)
US 85701901 A 20010531; AT 99959474 T 19991210; AU 1663500 A 19991210; BR 9916100 A 19991210; CA 2353967 A 19991210; CN 99814283 A 19991210; CZ 20012047 A 19991210; DE 69907273 T 19991210; EP 99959474 A 19991210; ES 99959474 T 19991210; FR 9815848 A 19981211; FR 9903088 W 19991210; HK 02101542 A 20020228; HU P0104597 A 19991210; IL 14349799 A 19991210; JP 2000588462 A 19991210; KR 20017007240 A 20010609; MX PA01005715 A 19991210; PL 34818399 A 19991210; PT 99959474 T 19991210; TR 200101694 T 19991210