

Title (en)
Universal waste removing tool

Title (de)
Universal- Ausbrechwerkzeug

Title (fr)
Outil universel d'éjection

Publication
EP 1074353 B1 20040811 (FR)

Application
EP 00114755 A 20000710

Priority
CH 141799 A 19990802

Abstract (en)
[origin: EP1074353A2] Ejection tool for cutting wastes comprises a frame (2) made of two identical plates (10,12) separated by lateral and transversal bars (3,4). There are separating band (17) placed between the plate to maintain their shape. The plates are bored at regular intervals, with the holes (11) of each plate facing each other. Pins (30) are passing two facing holes.

IPC 1-7
B26D 7/18

IPC 8 full level
B26F 1/40 (2006.01); **B26D 7/18** (2006.01)

CPC (source: EP KR US)
B26D 7/18 (2013.01 - KR); **B26D 7/1818** (2013.01 - EP 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)
EP 1074353 A2 20010207; EP 1074353 A3 20030205; EP 1074353 B1 20040811; AT E273109 T1 20040815; AU 4883900 A 20010208; AU 773272 B2 20040520; BR 0003342 A 20010313; CA 2314024 A1 20010202; CA 2314024 C 20040803; CH 693502 A5 20030915; CN 1158168 C 20040721; CN 1282652 A 20010207; DE 60012833 D1 20040916; DE 60012833 T2 20050901; DK 1074353 T3 20041220; ES 2226667 T3 20050401; JP 2001062788 A 20010313; JP 4041270 B2 20080130; KR 100387152 B1 20030612; KR 20010071110 A 20010728; TW 457139 B 20011001; US 6733430 B1 20040511

DOCDB simple family (application)
EP 00114755 A 20000710; AT 00114755 T 20000710; AU 4883900 A 20000726; BR 0003342 A 20000802; CA 2314024 A 20000713; CH 141799 A 19990802; CN 00120816 A 20000731; DE 60012833 T 20000710; DK 00114755 T 20000710; ES 00114755 T 20000710; JP 2000226401 A 20000727; KR 20000043992 A 20000729; TW 89113505 A 20000707; US 63202500 A 20000802