

Title (en)
CARTON TEAR LINE

Title (de)
KARTONAUFREISSLINIE

Title (fr)
BOITE EN CARTON ET EBAUCHE EN CARTON

Publication
EP 1472146 A2 20041103 (EN)

Application
EP 03713424 A 20030210

Priority

- GB 0203005 A 20020208
- US 0304146 W 20030210

Abstract (en)
[origin: WO03066452A2] A carton and blank having a tear line comprising a plurality of perforations or short slits arranged in at least three rows (72, 74, 76). There is also provided a carton and blank for forming a carton having a wall (16) provided with a tear open feature which comprises a tear initiating means (70) formed in the wall (16) and at least three tear lines (62, 64, 66, 68) extending from the tear initiating means (70) toward the perimeter of the wall, wherein each tear line comprises a plurality of perforations or short slits arranged in at least three rows (72, 74, 76).

IPC 1-7
B65D 5/54

IPC 8 full level
B65D 5/54 (2006.01)

CPC (source: EP KR)
B65D 5/54 (2013.01 - EP KR); **B65D 5/542** (2013.01 - EP); **B65D 5/5445** (2013.01 - EP)

Citation (search report)
See references of WO 03066452A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03066452 A2 20030814; WO 03066452 A3 20040401; AU 2003217380 A1 20030902; BR 0307509 A 20041207;
CA 2475464 A1 20030814; EP 1472146 A2 20041103; GB 0203005 D0 20020327; JP 2005536405 A 20051202; KR 20040093714 A 20041108;
MX PA04007587 A 20041110

DOCDB simple family (application)
US 0304146 W 20030210; AU 2003217380 A 20030210; BR 0307509 A 20030210; CA 2475464 A 20030210; EP 03713424 A 20030210;
GB 0203005 A 20020208; JP 2003565844 A 20030210; KR 20047012268 A 20030210; MX PA04007587 A 20030210