

Title (en)

CUTTING BLADE FOR PACKAGING CONTAINER, AND PACKAGING CONTAINER HAVING THE SAME

Title (de)

SCHNEIDMESSER FÜR VERPACKUNGSBEHÄLTER UND VERPACKUNGSBEHÄLTER DAMIT

Title (fr)

LAME DE DÉCOUPE POUR CONTENEUR D'EMBALLAGE, ET CONTENEUR D'EMBALLAGE AYANT CELLE-CI

Publication

EP 2233403 A4 20120620 (EN)

Application

EP 08854472 A 20081113

Priority

- JP 2008070695 W 20081113
- JP 2007306241 A 20071127

Abstract (en)

[origin: EP2233403A1] The cutting edge 24 for a packaging container comprises a center area 28 and side areas 30 on either side. The center area 28 has a plurality of first teeth 38 with a high tooth height and a plurality of second teeth with a smaller tooth height, one of the first teeth being situated at the V-shaped apex portion and the other first teeth 38 being situated at a prescribed spacing centered around the first tooth 38 at the apex portion, and the second teeth being situated between the first teeth. When the cutting edge is mounted at a prescribed location of the packaging container, the tip section of the first tooth 38 situated at the V-shaped apex portion is curved toward the side opposite the front wall of the cover of the packaging container. A straight line L2 connecting the tips of the second teeth is located between a straight line L1 connecting the tips of the first teeth and a third straight line connecting the bases of the first teeth and second teeth. The side areas 30 comprise a plurality of side teeth 31, and the tips of the side teeth 31 are situated on line L2 or between lines L2 and L3.

IPC 8 full level

B65D 5/72 (2006.01); **B26D 1/02** (2006.01); **B65D 25/52** (2006.01)

CPC (source: EP)

B26D 1/0006 (2013.01); **B26F 3/02** (2013.01); **B65D 83/0841** (2013.01); **B65H 35/002** (2013.01); **B65H 35/008** (2013.01); **B26D 2001/006** (2013.01); **B65H 2301/5154** (2013.01); **B65H 2701/1752** (2013.01)

Citation (search report)

- [Y] JP 2002137191 A 20020514 - EASTERN GIKEN KK
- [Y] JP H0977055 A 19970325 - DAINIPPON PRINTING CO LTD
- [Y] WO 02100729 A1 20021219 - KUREHA CHEMICAL IND CO LTD [JP], et al
- [Y] JP H0627548 U 19940412
- [Y] JP 2000190957 A 20000711 - KAO CORP
- [Y] EP 0352634 A2 19900131 - KUREHA CHEMICAL IND CO LTD [JP]
- [A] US 3843034 A 19741022 - LEWANDOWSKY K
- See references of WO 2009069475A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2233403 A1 20100929; **EP 2233403 A4 20120620**; CN 101873970 A 20101027; JP 2009126570 A 20090611; JP 5235072 B2 20130710; TW 200942455 A 20091016; WO 2009069475 A1 20090604

DOCDB simple family (application)

EP 08854472 A 20081113; CN 200880117791 A 20081113; JP 2007306241 A 20071127; JP 2008070695 W 20081113; TW 97144929 A 20081120