

Title (en)
Thin film dispenser

Title (de)
Dünnpilmspender

Title (fr)
Distributeur de film mince

Publication
EP 2617668 A1 20130724 (EN)

Application
EP 13150762 A 20130110

Priority
TW 101102474 A 20120120

Abstract (en)
A thin film dispenser has a housing (10) and a dispensing unit (20). The housing (10) has an upper casing (11), a lower casing (12) and an engagement device. The upper casing (11) has a first end, a length and an inner surface. The lower casing (12) is combined with the upper casing (11) to define a chamber, and the lower casing (12) has an end, a length and an inner surface. The end of the lower casing (12) is pivotally connected with the first end of the upper casing (11). The length of the lower casing (12) is longer than that of the upper casing (11). The inner surface of the lower casing (12) faces to the inner surface of the upper casing (11). The engagement device is disposed on the inner surfaces of the upper casing (11) and the lower casing (12).

IPC 8 full level
B65H 37/00 (2006.01)

CPC (source: EP US)
B65H 37/007 (2013.01 - EP US)

Citation (search report)

- [XY] EP 2019067 A1 20090128 - KOKUYO KK [JP]
- [Y] JP 2005053157 A 20050303 - TOMBOW PENCIL
- [A] US 5897742 A 19990427 - SEMMLER GEORG [DE]
- [A] JP 2002264587 A 20020918 - TOMBOW PENCIL

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2617668 A1 20130724; EP 2617668 B1 20150617; CN 103213433 A 20130724; CN 103213433 B 20160615; ES 2547453 T3 20151006; HK 1184114 A1 20140117; JP 2013147353 A 20130801; JP 5663812 B2 20150204; MY 158664 A 20161031; SG 192366 A1 20130830; TW 201331055 A 20130801; TW I476117 B 20150311; US 2013189016 A1 20130725

DOCDB simple family (application)
EP 13150762 A 20130110; CN 201210505292 A 20121130; ES 13150762 T 20130110; HK 13110112 A 20130829; JP 2013006375 A 20130117; MY PI2013000084 A 20130110; SG 2013003082 A 20130114; TW 101102474 A 20120120; US 201313737400 A 20130109