

Title (en)  
BOX-TYPE PACKAGE

Title (de)  
KASTENFÖRMIGE VERPACKUNG

Title (fr)  
EMBALLAGE DU TYPE BOÎTE

Publication  
**EP 2786941 A4 20150826 (EN)**

Application  
**EP 11876511 A 20111202**

Priority  
JP 2011077938 W 20111202

Abstract (en)  
[origin: EP2786941A1] A package 1 includes: a package body 2 having an open end 21a; a lid member 3 that is pivotably coupled to a rear opening edge of the open end 21a by means of a hinge 27 and opens/closes the open end 21a; and a flat plate spring member 4 placed inside of the package 1, the flat plate spring member 4 having one end fixed to an inner surface of the package body 2 and having another end fixed to an inner surface of the lid member 3. The flat plate spring member 4 includes a bend line 45 parallel to the hinge 27, a first region portion 41, and a second region portion 42. When the first region portion 41 and the second region portion 42 are bent relative to each other at a boundary along the bend line 45 in conjunction with an opening/closing action of the lid member 3, a posture of the flat plate spring member 4 is switched between: a first tilted state in which the second region portion 42 is tilted frontward with respect to the first region portion 41; and a second tilted state in which the second region portion 42 is tilted rearward with respect to the first region portion 41.

IPC 8 full level  
**B65D 5/66** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP KR US)  
**B65D 5/66** (2013.01 - KR); **B65D 5/6614** (2013.01 - EP US); **B65D 5/6676** (2013.01 - EP); **B65D 85/10** (2013.01 - KR);  
**B65D 85/10566** (2020.05 - EP US)

Citation (search report)

- [A] FR 451941 A 19130502 - ROBERT LABITTE [FR]
- [A] DE 665575 C 19380928 - LUDWIG SCHIFF
- [A] FR 2571701 A1 19860418 - CARTIER INT BV [NL]
- [A] JP S60171824 U 19851114
- [A] GB 713643 A 19540818 - ROWNTREE AND COMPANY LTD
- See references of WO 2013080372A1

Cited by  
DE202016102596U1; CN108602613A; RU2719245C2; DE202015106399U1; EP3173360A1; WO2017148801A1; WO2016199017A1; WO2019110792A1; US11691781B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 11876511 A 20111202**; CN 201180075276 A 20111202; JP 2011077938 W 20111202; JP 2013546933 A 20111202; KR 20147008963 A 20111202; RU 2014126867 A 20111202