

Title (en)  
Packaging apparatus

Title (de)  
Verpackungsvorrichtung

Title (fr)  
Appareil d'emballage

Publication  
**EP 2279950 A3 20120905 (EN)**

Application  
**EP 10171325 A 20100729**

Priority  

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- JP 2009180016 A 20090731
- JP 2010019342 A 20100129
- JP 2010037782 A 20100223

Abstract (en)  
[origin: EP2279950A2] A packaging apparatus 1 includes a conveying unit 14 that conveys a continuous film 50 in a direction X1 with an article 100 placed on a first portion 501 of the film 50, and folds back in a direction X2 opposite to the direction X1 a second portion 502 of the film 50 ahead of the first portion 501 with respect to the direction X1, sealing parts 16U, 16L, 17U, and 17L that seal the first portion 501 and the second portion 502 to form a bag body 40 containing the article 100, and a cutter 32 that cuts the film 50.

IPC 8 full level  
**B65B 11/10** (2006.01); **B65B 25/06** (2006.01); **B65B 49/10** (2006.01)

CPC (source: EP US)  
**B65B 11/10** (2013.01 - EP US); **B65B 25/061** (2013.01 - EP US); **B65B 49/10** (2013.01 - EP US); **B65B 9/026** (2013.01 - EP US); **B65B 11/48** (2013.01 - EP US); **B65B 49/02** (2013.01 - EP US); **B65B 67/10** (2013.01 - EP US)

Citation (search report)  

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- [A] JP S6370910 U 19880512
- [A] FR 2815012 A3 20020412 - SMURFIT SOCAR SA [FR]
- [A] US 5463846 A 19951107 - GAMBETTI MARIO [IT]
- [A] FR 2228669 A1 19741206 - APPLIC THERMIQUES [FR]
- [A] EP 1602581 A2 20051207 - AETNA GROUP SPA [IT]
- [A] GB 1108212 A 19680403 - LERNER MACHINE COMPANY LTD

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CN109677705A

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 SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

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**EP 2279950 A2 20110202**; **EP 2279950 A3 20120905**; CN 101987661 A 20110323; CN 101987661 B 20130424; KR 101197466 B1 20121109; KR 20110013275 A 20110209; US 2011023413 A1 20110203

DOCDB simple family (application)  
**EP 10171325 A 20100729**; CN 201010511001 A 20100730; KR 20100072756 A 20100728; US 84367710 A 20100726