

Title (en)  
Unidirectional valve for flexible packages

Title (de)  
Unidirektionales Ventil für flexible Verpackungen

Title (fr)  
Soupape unidirectionnelle pour emballages flexibles

Publication  
**EP 1340695 A1 20030903 (EN)**

Application  
**EP 02251232 A 20020222**

Priority  
EP 02251232 A 20020222

Abstract (en)  
This unidirectional valve for flexible packages, preferably made with laminar plastic materials is a valve made of sheet (3) attached to the external face of the package (2) with a window positioned to coincide with an orifice (5) in it, superimposed by another sheet (4) that covers its window (6) and is attached to the first (illegible) of two of its edges, with the transversal edges unattached, and forming a channel for gases to escape, when the internal overpressure separates the exterior sheet from the perforated wall, which in (the) passive position is closed by said sheet (4) under external atmospheric pressure, guaranteeing the escape of gases generated by the product and preventing the destructive entry of outside air. <IMAGE>

IPC 1-7  
**B65D 77/22**

IPC 8 full level  
**B65D 77/22** (2006.01)

CPC (source: EP)  
**B65D 77/225** (2013.01); **B65D 2205/00** (2013.01)

Citation (search report)  
• [X] US 5263777 A 19931123 - DOMKE KLAUS [DE]  
• [X] DE 4435492 A1 19960411 - BOSCH GMBH ROBERT [DE]

Cited by  
EP1630769A1; EP1882637A1; US8038023B2; WO2020200423A1; US7687135B2; WO2009142987A1; WO2016205649A1; WO2004045970A1; US10781023B2; US10783805B2

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