

Title (en)

PRESSURE RELIEF VALVE FOR A PACKAGING CONTAINER

Title (de)

ÜBERDRUCKVENTIL FÜR EINEN VERPACKUNGSBEHÄLTER

Title (fr)

SOUPAPE DE SURPRESSION POUR UN CONTENANT D'EMBALLAGE

Publication

**EP 1802537 A1 20070704 (DE)**

Application

**EP 05786948 A 20050908**

Priority

- EP 2005054464 W 20050908
- DE 102004047810 A 20040929
- DE 102004062026 A 20041223

Abstract (en)

[origin: WO2006034950A1] The invention relates to a pressure relief valve (10; 50; 60; 65; 66), comprising a base body (11; 67; 68), which is covered by a valve membrane (40; 59). The base body (11; 67; 68), which is located on the inner face (2) of a packaging container, permits the escape of excess pressure from the packaging container into the atmosphere by means of passages (23; 24) and perforations (5) that are configured in the wall (1) of the packaging material. The inventive pressure relief valve (10; 50; 60; 65; 66) thus responds particularly well, i.e. allowing particularly low opening pressures, by means of the special configuration of its base area (15; 55; 67; 68).

IPC 8 full level

**B65D 77/22** (2006.01)

CPC (source: EP US)

**B65D 77/225** (2013.01 - EP US); **Y10T 137/4358** (2015.04 - EP US); **Y10T 137/7914** (2015.04 - EP US)

Citation (search report)

See references of WO 2006034950A1

Cited by

WO2010091909A1; WO2010091908A1; WO2010091910A1; CN102317175A; DE102009000806A1; DE102009000805A1; DE102009000802A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 102004062026 A1 20060330**; DE 502005004146 D1 20080626; EP 1802537 A1 20070704; EP 1802537 B1 20080514; JP 2008514518 A 20080508; JP 4361953 B2 20091111; TW 200621585 A 20060701; TW I356796 B 20120121; US 2008011751 A1 20080117; US 7721752 B2 20100525; WO 2006034950 A1 20060406

DOCDB simple family (application)

**DE 102004062026 A 20041223**; DE 502005004146 T 20050908; EP 05786948 A 20050908; EP 2005054464 W 20050908; JP 2007533993 A 20050908; TW 94133443 A 20050927; US 57619005 A 20050908