

Title (en)  
Protective packaging for pharmaceutical products

Title (de)  
Pharmazeutische Schutzverpackung

Title (fr)  
Emballage de protection pour produits pharmaceutiques

Publication  
**EP 1772395 A1 20070411 (DE)**

Application  
**EP 05090280 A 20051005**

Priority  
EP 05090280 A 20051005

Abstract (en)  
The pharmaceutical security packaging has an oxygen content within the package at a level of one percent by volume, to reduce the level of oxidation of the contents. The oxygen content can be approximately half a percent by volume or as low as point one percent. The package contents can be at a pressure of fifty millibars and the package can contain argon, nitrogen or carbon dioxide. The container can include an oxygen level indicator. Claims include uses for the packaging.

IPC 8 full level  
**B65D 81/26** (2006.01); **B65D 81/20** (2006.01)

CPC (source: EP)  
**B65D 81/2007** (2013.01); **B65D 81/2069** (2013.01); **B65D 81/266** (2013.01)

Citation (applicant)  
BAUER; FRÖMMING; FÜHRER: "LEHRBUCH DER PHARMAZEUTISCHEN TECHNOLOGIE", 2002, WVG

Citation (search report)  
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• [Y] US 5293996 A 19940315 - DUNCAN WILLIAM V [US]  
• [Y] WO 9803866 A1 19980129 - PHARMACIA & UPJOHN AB [SE], et al  
• [A] EP 0541183 A1 19930512 - SARA LEE DE NV [NL]  
• [A] US 2004188304 A1 20040930 - BONNETTE MICHAEL J [US], et al

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AU2014203766B2; AT509424A3; AT509424B1; WO2018141938A1; DE102017122807A1; DE102017122807B4; WO2008152347A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1772395 A1 20070411; EP 1772395 B1 20110309**; AT E501059 T1 20110315; DE 502005011092 D1 20110421

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