

Title (en)  
Explosion proof bottle spout

Title (de)  
Explosionssicherer Flaschenausguss

Title (fr)  
Goulotte de bouteille anti-explosion

Publication  
**EP 0588765 B1 19960214 (DE)**

Application  
**EP 93810626 A 19930901**

Priority  
CH 292392 A 19920916

Abstract (en)  
[origin: EP0588765A2] The bottle spout (1) consists of an integral piece of plastic and contains a spout tube (4) and a tubular stub (10) which is intended to protrude into the bottle interior. Between said tube and stub there is a part with a narrow, comparatively long, annular gap (2). The bottle spout (1) can be inserted into the neck of a squeeze bottle by means of an elastic ring part (8). Due to the narrow, relatively long gap (2), no spark backflash into the interior of the bottle can take place, thus ensuring that the bottle is protected against explosion in the case of flammable contents.  
<IMAGE>

IPC 1-7  
**B65D 47/06**; **B65D 25/38**; **B65D 1/32**; **B65D 37/00**; **B05B 11/04**

IPC 8 full level  
**B65D 25/38** (2006.01); **B65D 47/06** (2006.01)

CPC (source: EP)  
**B65D 25/385** (2013.01); **B65D 47/06** (2013.01)

Cited by  
US2013087581A1; US9096355B2; WO2013117921A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0588765 A2 19940323**; **EP 0588765 A3 19950419**; **EP 0588765 B1 19960214**; AT E134181 T1 19960215; DE 59301632 D1 19960328

DOCDB simple family (application)  
**EP 93810626 A 19930901**; AT 93810626 T 19930901; DE 59301632 T 19930901