

Title (en)  
AEROSOL VALVE SAFETY DEVICE

Publication  
**EP 0120739 B1 19880511 (FR)**

Application  
**EP 84400362 A 19840223**

Priority  
FR 8303077 A 19830225

Abstract (en)  
[origin: US4572410A] A push button (2) is slidably and rotatably mounted in a sleeve (1). The push button is fitted to the valve-operating rod (28) of an aerosol valve (25) fitted in the opening of an aerosol can (26) by means of a dish (22). The inside edge of the dish is crimped to the valve and its outside edge is crimped to the edges of the can. The sleeve has an internal collar (3) which is snap fitted over the neck where the inside edge of the dish is crimped to the valve. Since the sleeve thus engages the valve rather than the can, sleeve size and shape is independent of the size and shape of the can (in so far as there are relatively few valve sizes used in a wide range of can shapes and sizes). Further, by crimping the neck (22c) so that its periphery is polygonal, the sleeve can be prevented from rotating. A safety push button requiring both a turning action and an axial displacement for operation, can thus readily be operated with one hand since there is no need to use the other hand to stop the sleeve from rotating.

IPC 1-7  
**B65D 83/14**

IPC 8 full level  
**B65D 83/14** (2006.01); **B65D 83/16** (2006.01)

CPC (source: EP US)  
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Cited by  
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AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**US 4572410 A 19860225**; AT E34150 T1 19880515; DE 3471078 D1 19880616; EP 0120739 A2 19841003; EP 0120739 A3 19850807; EP 0120739 B1 19880511; FR 2541749 A1 19840831; FR 2541749 B1 19860822

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