

Title (en)
Slit valve for fluid containers

Title (de)
Schlitzventil für Flüssigkeitsbehälter

Title (fr)
Valve à fente pour récipients

Publication
EP 1471011 A2 20041027 (EN)

Application
EP 04007025 A 20040324

Priority
IT MI20030713 A 20030409

Abstract (en)
An elastically deformable valve with automatic closure applicable to containers of fluids which are dispensed through said valve when the container is manually squeezed to pressurize the fluid contained therein, the valve being formed of a single piece of moulded elastic material and presenting cuts (5) defining flexible appendices (6) which flex outwards from the container during fluid dispensing and reclose against themselves to close the valve when at rest. The cuts (5) are provided in a dome (3) defined by re-entrant surfaces when the valve is in its rest state. <IMAGE>

IPC 1-7
B65D 47/20

IPC 8 full level
B65D 47/20 (2006.01)

CPC (source: EP US)
B65D 47/2031 (2013.01 - EP US)

Citation (applicant)
• DE 4403081 A1 19950803 - HENKEL KGAA [DE]
• US 5409144 A 19950425 - BROWN PAUL E [US]
• EP 0885813 A2 19981223 - YOSHINO KOGYOSHO CO LTD [JP], et al
• EP 1061001 A1 20001220 - CAPSOL S P A [IT]
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