

Title (en)  
IMPROVED TILT ACTION AEROSOL VALVE

Title (de)  
AEROSOLVENTIL MIT NEIGUNGSBETÄTIGUNG

Title (fr)  
SOUPAPE AMELIOREE POUR AEROSOL A ACTIONNEMENT PAR INCLINAISON

Publication  
**EP 0592604 B1 19970226 (EN)**

Application  
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Priority  
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Abstract (en)  
[origin: GB2257474A] In a valve unit for vertical and tilt action aerosol valves, the valve body (16) has an annular extension member (26) integral with and extending from the valve body. Together they both provide a recess which receives the valve stem (20) as a frictional fit therein. Internally, both the valve body and the extension member are provided with aligned grooves (32) which provide a flow path for the contents of the aerosol package when the valve is actuated by vertical or sideways pressure on the button (85) which moves the rim (40) of the valve body (16) away from the gasket (14). Fluid then flows through transverse openings provided through the wall of the extension member (26) into the aligned grooves (32), and from thence, via a swirl chamber (68, Fig. 8), to the valve stem. The internal grooves in the extension member (26) provide two regions of reduced wall thickness (21a) in the extension member which facilitate moulding, especially of the apertures leading from those grooves into the valve body. <IMAGE>

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