

Title (en)
VALVE ASSEMBLY FOR A PRESSURISED AEROSOL-DISPENSING CONTAINER

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EP 0125865 B1 19880629 (EN)

Application
EP 84303081 A 19840508

Priority
GB 8312479 A 19830506

Abstract (en)
[origin: EP0125865A2] A valve assembly which allows pressure filling of an aerosol container and dispensing of metered volumes of material therefrom comprising: a casing member adapted to form at least the top portion of an aerosol container, a first hollow body secured inside of the casing member defining a metering tank, the metering tank having a pressure filling valve comprising an aperture in the metering tank communicating with the aerosol container which aperture is adjacent the casing member and covered by a sealing member which prevents passage of material from the aerosol container to the metering tank but allows passage of material from the metering tank to the aerosol container when there is sufficient pressure difference between the metering tank and aerosol container, an elongate valve member sealingly extending through respective apertures in the casing member and metering tank capable of longitudinal movement between a closed and dispensing position, such that in the dispensing position there is an open channel through the elongate valve member connecting the metering tank with the outside environment and the metering tank is sealed to prevent passage of material from the aerosol container to the metering tank, and in the closed position the elongate valve member allows passage of material from the aerosol container to the metering tank and prevents passage of material from the metering tank to the outside environment, and a second hollow body retained upon and forming a shroud around the metering tank, the shroud extending substantially to the casing member and covering said sealing member of the metering tank to allow only limited movement thereof, the shroud and metering tank defining at least one passage through which material from the aerosol container may pass into the metering tank when the elongate valve member is in the closed position.

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Cited by
US4944433A; US5697532A; US5199616A; EP0255438A1; FR2602298A1; USRE33552E; US4842168A; GB2357493A; GB2357493B; GB2216872A; US4867352A; GB2216872B; US8678248B2; WO2009076507A1; WO9429192A1; US7350676B2

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