

Title (en)

ASSEMBLY FOR AEROSOL SPRAYING A LIQUID PRODUCT CONTAINED IN A CONTAINER AND RELATED CONTAINER

Title (de)

ANORDNUNG ZUR AEROSOLBESPRÜHUNG EINES FLÜSSIGPRODUKTS IN EINEM BEHÄLTER UND ENTSPRECHENDER BEHÄLTER

Title (fr)

ENSEMBLE DE PULVÉRISATION D'AÉROSOL D'UN PRODUIT LIQUIDE PRÉSENT DANS UN RÉCIPIENT ET RÉCIPIENT ASSOCIÉ

Publication

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Application

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Priority

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- IB 2013055176 W 20130624

Abstract (en)

[origin: WO2014001994A1] An assembly (10) for aerosol spraying a liquid product (L) contained in a container comprises a container (20) containing only the liquid (L) to be aerosol sprayed and means (50, 51, 52) for feeding pressurised air (A) into the container (20). The container (20) comprises a case (20a) having a longitudinal axis (X - X), at a top portion of the case (20a) being formed an aperture (28) for feeding the pressurised air (A) into the container (20). The container (20) further comprises, at the top portion, a mixing valve (22) for mixing the liquid product (L) with the pressurised air (A), so as to obtain an aerosol mixture, and a supplying nozzle (24) for supplying the aerosol mixture. The nozzle (24) is mechanically and fluid-dynamically associated with the valve (22). The case is made of plastic material and the aperture (28) has an axis of symmetry that is substantially parallel to the longitudinal axis (X - X). The top portion of the case (20a) comprises a substantially dome-shaped surface (34) and a flattened surface (34a) on which the aperture (28) is formed. The flattened surface (34a) is shaped as a substantially circular segment and it is arranged at a height not greater than that of said substantially dome-shaped surface (34).

IPC 8 full level

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Citation (search report)

See references of WO 2014001994A1

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