Title (en)

CONTAINER USED TO DELIVER CONSTANT QUANTITIES OF A FLUID UNTIL SAID CONTAINER IS ALMOST COMPLETELY EMPTY

Title (de)

BEHÄLTER ZUR VOLLSTÄNDIGEN ENTLEERUNG VON KONSTANTEN PRODUKTMENGEN

Title (fr)

RECIPIENT DISTRIBUANT DES QUANTITES DE PRODUIT CONSTANTES JUSQU'A CE QUE LEDIT RECIPIENT SOIT PRESQUE COMPLETEMENT VIDE

Publication

EP 1390276 B1 20050907 (FR)

Application

EP 02711941 A 20020111

Priority

- FR 0200107 W 20020111
- FR 0100433 A 20010112

Abstract (en)

[origin: WO02055407A2] A container with a pump comprising a container body and a pump case. The container body comprises a side wall and a base and the pump case comprises a pump and a dip tube, wherein the internal surface of the base comprises a shaft, the position, section and height of which are such that the open end of the dip tube is located in the space occupied by said shaft. The depth of said shaft is such that the open end of the dip tube is advantageously located at a distance from the base that is at most equal to half of the diameter of the dip tube. The open end of said dip tube is provided with one or more indentations. The height of the shaft is designed to be greater than the critical height above which the pump is air-locked. The container body used to equip the aforementioned container with pump is metallic, preferably made of aluminium alloy, and is obtained by impact extrusion of pins lubricated differentially.

[origin: WO02055407A2] A container with a pump comprising a container body and a pump case. The container body comprises a side wall and a base and the pump case comprises a pump and a dip tube, wherein the internal surface of the base comprises a shaft, the position, section and height of which are such that the open end of the dip tube is located in the space occupied by said shaft. The depth of said shaft is such that the open end of the dip tube is advantageously located at a distance from the base that is at most equal to half of the diameter of the dip tube. The open end of said dip tube is provided with one or more indentations. The height of the shaft is designed to be greater than the critical height above which the pump is air-locked. The container body used to equip the aforementioned container with pump is metallic, preferably made of aluminium alloy, and is obtained by impact extrusion of pins lubricated differentially.

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IPC 8 full level

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CPC (source: EP US)

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