

Title (en)
SIPHON TUBE

Title (de)
SIPHONRÖHRE

Title (fr)
TUBE DE SIPHON

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EP 2921717 A4 20160803 (EN)

Application
EP 13854316 A 20131017

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Abstract (en)
[origin: EP2921717A1] [Object] This invention relates to siphon tubes which can be set on a container, a mug for example, and take liquid out of the container from pouring end like a teapot. From prior art, improved usability with easy priming even in bad conditions, latitude to rough operations, easy cleaning after use, and also reduced restrictions on designing and manufacturing with wide range of materials and shape, dimensions selectable. [Achieving means] Provided a relay liquid tank on the flow path outside the container to control siphon breaking, and a pumping means to prime siphon.

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Citation (search report)
• [X] US 3640302 A 19720208 - WILLINGER ALLAN H
• [X] US 3785493 A 19740115 - HARDING W
• [Y] US 2218941 A 19401022 - THOMPSON WILLIS F
• [Y] US 851688 A 19070430 - MCKINNON JAMES T [US]
• [Y] US 1524833 A 19250203 - MCCrackan ROBERT F
• [Y] US 1757056 A 19300506 - WALDEMAR PEARSON
• See references of WO 2014077080A1

Designated contracting state (EPC)
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