

Title (en)

An interface portion for a siphonic system

Title (de)

Verbindungsstück für ein Siphon-System

Title (fr)

Pièce intermédiaire pour un système à siphon

Publication

EP 1865121 A3 20110302 (EN)

Application

EP 07445022 A 20070511

Priority

SE 0601202 A 20060531

Abstract (en)

[origin: EP1865121A2] An interface portion (1), for a siphonic system (6) which siphonic system (6) has an upstream portion (2) and a downstream portion (3), the interface portion (1) having an inlet end (10), to be in connection with the upstream portion (2), a discharge end (11), to be in connection with the downstream portion (3), the interface portion (1) being arranged to bring, in use, the upstream portion (2) in liquid connection with the downstream portion (3). The interface portion is distinguished by the inner cross section area of the interface portion (1) increasing continuously from the inlet end (10) to the discharge end (11) for a length (L) of the interface portion (1) that is at least 0.3 times the inner diameter (D) of the discharge end (11), so that the interface portion counteracts an accumulation of a gas downstream of the upstream portion (2), to facilitate priming of the system.

IPC 8 full level

E04D 13/04 (2006.01)

CPC (source: EP SE US)

E04D 13/0409 (2013.01 - EP SE US); **E04D 2013/0427** (2013.01 - EP SE US); **E04D 2013/0436** (2013.01 - EP US)

Citation (search report)

- [X1] DE 2226508 A1 19731213 - KUHN KARL
- [X1] US 6548760 B1 20030415 - STOUT JR WILLIAM K [US]
- [AD] WO 9308346 A1 19930429 - MEGSENT INSINOEOERITOIMISTO [FI]

Cited by

BE1019528A5

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1865121 A2 20071212; **EP 1865121 A3 20110302**; **EP 1865121 B1 20131002**; PL 1865121 T3 20140331; SE 0601202 L 20071201; SE 529951 C2 20080115; US 2007277447 A1 20071206

DOCDB simple family (application)

EP 07445022 A 20070511; PL 07445022 T 20070511; SE 0601202 A 20060531; US 80622007 A 20070530