

Title (en)  
LIQUID SUPPLY SYSTEM

Title (de)  
FLÜSSIGKEITZUFÜHRSYSTEM

Title (fr)  
SYSTÈME D'ALIMENTATION EN LIQUIDE

Publication  
**EP 3578813 A1 20191211 (EN)**

Application  
**EP 18747736 A 20180202**

Priority  
• JP 2017019047 A 20170203  
• JP 2018003624 W 20180202

Abstract (en)  
There is provided a liquid supply system that can be cooled efficiently. The liquid supply system 10 includes a container having an inlet 131b and an outlet 131c for liquid and provided with pump chambers P1, P2 inside it, supply passages 131e, 131Xc through which the liquid flowing in through the inlet 131b is supplied to the pump chambers P1, P2, and a discharge passage 131Xd through which the liquid discharged from the pump chambers P1, P2 is brought to the outlet 131c. Portions 180, 181 of an inner surface of the liquid supply system 10 that are in contact with the liquid are each provided with an increased surface structure 400 having an increased liquid contact area and extending along the direction L1, L2 of flow of the liquid.

IPC 8 full level  
**F04B 15/08** (2006.01); **F04B 43/08** (2006.01); **F25B 9/00** (2006.01)

CPC (source: EP KR US)  
**F04B 15/08** (2013.01 - EP KR); **F04B 43/08** (2013.01 - EP KR); **F04B 45/022** (2013.01 - US); **F25B 9/00** (2013.01 - KR);  
**F04B 2015/082** (2013.01 - KR); **F04B 2015/0824** (2013.01 - KR); **F05B 2210/11** (2013.01 - KR)

Citation (search report)  
See references of WO 2018143417A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 18747736 A 20180202**; CN 201880006961 A 20180202; JP 2018003624 W 20180202; JP 2018566130 A 20180202;  
KR 20197021571 A 20180202; US 201816482676 A 20180202