

Title (en)

REPLENISHING SYSTEM AND METHOD OF REPLENISHING A LIQUID INTO A PRESSURIZED LIQUID CIRCULATING SYSTEM

Title (de)

NACHFÜLLSYSTEM UND VERFAHREN ZUM NACHFÜLLEN EINER FLÜSSIGKEIT IN EIN UNTER DRUCK STEHENDES FLÜSSIGKEITSZIRKULATIONSSYSTEM

Title (fr)

SYSTÈME DE RÉAPPROVISIONNEMENT ET PROCÉDÉ DE RÉAPPROVISIONNEMENT D'UN LIQUIDE DANS UN SYSTÈME DE CIRCULATION DE LIQUIDE SOUS PRESSION

Publication

**EP 4182608 A1 20230524 (EN)**

Application

**EP 21755594 A 20210714**

Priority

- NL 2026060 A 20200715
- NL 2021050442 W 20210714

Abstract (en)

[origin: WO2022015164A1] The present invention relates to a replenishing system, comprising: an input that is configured to be arranged in liquid connection with a pressurized liquid supply; a replenishing output that is configured to be arranged in liquid connection with a pressurized liquid circulating system; and a collector that is arranged between the input and the replenishing output and that comprises a gas extractor. The invention further relates to a method of replenishing a liquid into a pressurized liquid circulating system, comprising the steps of: allowing liquid to enter the replenishing system, thereby filling a collector that is arranged between an input and a replenishing output of the replenishing system; extracting gas out of said liquid in said collector; and allowing liquid to flow from the pressurized liquid supply through the replenishing system and into the pressurized liquid circulating system to set a pre-determined operating pressure in the pressurized liquid circulating system.

IPC 8 full level

**F24D 3/10** (2006.01); **F24D 19/00** (2006.01); **F24D 19/08** (2006.01)

CPC (source: EP)

**F24D 3/1083** (2013.01); **F24D 19/083** (2013.01)

Citation (search report)

See references of WO 2022015164A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022015164 A1 20220120**; EP 4182608 A1 20230524; NL 2026060 B1 20220321

DOCDB simple family (application)

**NL 2021050442 W 20210714**; EP 21755594 A 20210714; NL 2026060 A 20200715