

Title (en)
HYDRAULIC COMPONENT FOR A HEATING OR AIR-CONDITIONING SYSTEM

Title (de)
HYDRAULISCHE BAUEINHEIT FÜR EINE HEIZUNGS- ODER KLIMAAANLAGE

Title (fr)
MODULE HYDRAULIQUE POUR UNE INSTALLATION DE CHAUFFAGE OU DE CLIMATISATION

Publication
EP 3361182 B1 20200325 (DE)

Application
EP 17155234 A 20170208

Priority
EP 17155234 A 20170208

Abstract (en)
[origin: WO2018145975A2] The invention relates to a hydraulic unit for a heating or air-conditioning system, comprising at least one return connection (20) for a heating circuit (6), a first feed connection (16) for a heating circuit (6), a heat source outlet (12) which is fluidically connected to the return connection (20), a heat source inlet (14) which is fluidically connected to the first feed connection (16), and a circulating pump set (28) disposed in a flow path between the return connection (20) and the heat source outlet (12) or in a flow path between the heat source inlet (14) and the first feed connection (16), said circulating pump set having at least one second return connection (18) which is fluidically connected to the heat source inlet (14) and the return connection (20), at least one mixing valve (54) being arranged in a flow path from the heat source inlet (14) to the second feed connection (18) and/or in a flow path from the return connection (20) to the second feed connection (18).

IPC 8 full level
F24H 9/14 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)
F24D 3/02 (2013.01 - US); **F24D 19/1033** (2013.01 - EP US); **F24D 19/1066** (2013.01 - EP US); **F24H 9/144** (2013.01 - EP US); **F24D 2220/0235** (2013.01 - EP US)

Cited by
EP3680574A1; EP3705785A1; CN113124450A; IT201900000472A1

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

DOCDB simple family (publication)
EP 3361182 A1 20180815; **EP 3361182 B1 20200325**; CN 110268205 A 20190920; US 11555617 B2 20230117; US 2020018491 A1 20200116; WO 2018145975 A2 20180816; WO 2018145975 A3 20181018

DOCDB simple family (application)
EP 17155234 A 20170208; CN 201880010901 A 20180131; EP 2018052425 W 20180131; US 201816483999 A 20180131