

Title (en)

CIRCULATING SYSTEM FOR FOOD-COMPATIBLE FLUIDS

Title (de)

UMWÄLZSYSTEM FÜR LEBENSMITTELVERTRÄGLICHE FLÜSSIGKEITEN

Title (fr)

SYSTÈME DE CIRCULATION POUR LIQUIDES COMPATIBLES AVEC DES PRODUITS ALIMENTAIRES

Publication

EP 2446146 A1 20120502 (DE)

Application

EP 10724732 A 20100526

Priority

- EP 2010057267 W 20100526
- DE 102009030161 A 20090624

Abstract (en)

[origin: WO2010149455A1] The invention relates to a circulating system for food-compatible fluids, having a circulating pump (12) comprising a suction fitting (18) opening into a pump chamber (24) and a radial impeller (28) disposed in the pump chamber, characterized in that that a bleed line (36) is fed from the side of the pump chamber (24) facing away from the suction fitting (18) to the outside.

IPC 8 full level

F04D 7/02 (2006.01); **F04D 9/00** (2006.01); **F04D 9/06** (2006.01)

CPC (source: EP)

F04D 7/02 (2013.01); **F04D 9/003** (2013.01); **F04D 9/06** (2013.01)

Citation (search report)

See references of WO 2010149455A1

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010149455 A1 20101229; DE 102009030161 A1 20110210; DK 2446146 T3 20181119; EP 2446146 A1 20120502; EP 2446146 B1 20180905; ES 2697973 T3 20190130; PL 2446146 T3 20190131

DOCDB simple family (application)

EP 2010057267 W 20100526; DE 102009030161 A 20090624; DK 10724732 T 20100526; EP 10724732 A 20100526; ES 10724732 T 20100526; PL 10724732 T 20100526