

Title (en)
Domestic water heating unit

Title (de)
Brauchwassererwärmungseinheit

Title (fr)
Unité de chauffage d'eau potable

Publication
EP 2413048 B1 20130605 (DE)

Application
EP 10007978 A 20100730

Priority
EP 10007978 A 20100730

Abstract (en)
[origin: EP2413048A1] The unit has a control unit controlling warming of processing water and designed for detecting requirement of the processing water. The control unit evaluates an output signal of a temperature sensor (96) i.e. flow rate sensor. The sensor is arranged in proximity of a node point (97) and at a distance from the node point in a cold processing water (DCW). The control unit switches-on and switches off a circulation pump (46) in dependent upon requirement of the processing water. A circulation control is partially integrated in the control unit.

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
F24D 19/1006 (2013.01 - EP US); **F24D 19/1051** (2013.01 - EP US)

Citation (examination)
Frishwasserstation mit Reglereinheit Februar 2006 (RESOL - Elektronische Regelungen GmbH)

Cited by
EP3671050A1; EP3293459A1; RU2675331C1; US10852008B2; USRE49883E; EP3671050B1

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)
EP 2413048 A1 20120201; **EP 2413048 B1 20130605**; CN 102345928 A 20120208; CN 102345928 B 20151209; US 2012024493 A1 20120202; US 9574780 B2 20170221

DOCDB simple family (application)
EP 10007978 A 20100730; CN 201110223754 A 20110801; US 201113193808 A 20110729