

Title (en)

Automatic detection of coolant fill levels in refrigerant circuits

Title (de)

Automatische Erkennung von Kältemittelfüllmengen in Kältekreisläufen

Title (fr)

Reconnaissance automatique de quantités de remplissage de réfrigérant dans des circuits frigorifiques

Publication

EP 2902728 B1 20170426 (DE)

Application

EP 15150586 A 20150109

Priority

AT 500642014 A 20140131

IPC 8 full level

F25B 49/00 (2006.01)

CPC (source: AT EP)

F24H 4/00 (2013.01 - AT); **F25B 30/02** (2013.01 - AT); **F25B 49/005** (2013.01 - EP); **F25B 2500/22** (2013.01 - EP); **F25B 2500/23** (2013.01 - EP); **F25B 2500/24** (2013.01 - EP); **F25B 2600/2513** (2013.01 - EP); **F25B 2700/193** (2013.01 - EP); **F25B 2700/1931** (2013.01 - EP); **F25B 2700/21151** (2013.01 - EP); **F25B 2700/21152** (2013.01 - EP); **F25B 2700/21163** (2013.01 - EP); **F25B 2700/21175** (2013.01 - EP)

Cited by

CN114087710A; CN112833596A; CN112781290A; WO2018159202A1

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 2902728 A1 20150805; EP 2902728 B1 20170426; AT 515455 A1 20150915; AT 515455 B1 20160515; DK 2902728 T3 20170807; ES 2633272 T3 20170920; PL 2902728 T3 20170929

DOCDB simple family (application)

EP 15150586 A 20150109; AT 500642014 A 20140131; DK 15150586 T 20150109; ES 15150586 T 20150109; PL 15150586 T 20150109