

Title (en)
HYDROCHLOROFLUOROOLEFIN-BASED CLEANING COMPOSITIONS

Title (de)
REINIGUNGSZUSAMMENSETZUNGEN AUF HYDROCHLORFLUOROLEFINBASIS

Title (fr)
COMPOSITIONS DE NETTOYAGE A BASE D'HYDROCHLOROFLUOROOLEFINE

Publication
EP 2526179 B1 20170802 (FR)

Application
EP 11705016 A 20110113

Priority
• FR 1050415 A 20100122
• FR 2011050060 W 20110113

Abstract (en)
[origin: WO2011089344A1] The invention relates to the use of a liquid composition including 1-chloro-3,3,3-trifluoropropene and 1,2-transdichloroethylene for cleaning solid surfaces, the 1-chloro-3,3,3-trifluoropropene and the 1,2-transdichloroethylene being at least 99 wt% of the composition. The invention also relates to a liquid composition containing 1-chloro-3,3,3-trifluoropropene and 1,2-transdichloroethylene, the 1-chloro-3,3,3-trifluoropropene and 1,2-transdichloroethylene being at least 99 wt% of the composition and the weight ratio of the 1-chloro-3,3,3-trifluoropropene over the 1,2-transdichloroethylene being between 57:43 and 65:35, preferably between 58:42 and 63:37, and more preferably between 59:41 and 61:39.

IPC 8 full level
C11D 7/50 (2006.01); **C11D 11/00** (2006.01); **C23G 5/028** (2006.01)

CPC (source: EP US)
C11D 7/5018 (2013.01 - EP US); **C23G 5/02809** (2013.01 - EP US); **C23G 5/02825** (2013.01 - EP US); **C11D 2111/16** (2024.01 - EP US); **C11D 2111/18** (2024.01 - EP US); **C11D 2111/22** (2024.01 - EP US)

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)
WO 2011089344 A1 20110728; CN 102712883 A 20121003; CN 102712883 B 20140709; EP 2526179 A1 20121128; EP 2526179 B1 20170802; ES 2639034 T3 20171025; FR 2955590 A1 20110729; FR 2955590 B1 20120323; JP 2013518140 A 20130520; JP 5898094 B2 20160406; PT 2526179 T 20170913; US 2013037058 A1 20130214

DOCDB simple family (application)
FR 2011050060 W 20110113; CN 201180006614 A 20110113; EP 11705016 A 20110113; ES 11705016 T 20110113; FR 1050415 A 20100122; JP 2012549396 A 20110113; PT 11705016 T 20110113; US 201113521562 A 20110113