

Title (en)
COMPOSITION WHICH IS SUITABLE FOR PRODUCING POLYURETHANE FOAMS AND CONTAINS AT LEAST ONE HFO BLOWING AGENT

Title (de)
ZUSAMMENSETZUNG, GEEIGNET ZUR HERSTELLUNG VON POLYURETHANSCHÄUMEN, ENTHALTEND MINDESTENS EIN HFO-TREIBMITTEL

Title (fr)
COMPOSITION ADÉQUATE POUR FABRIQUER DES MOUSSES DE POLYURÉTHANE, CONTENANT AU MOINS UN AGENT POROGÈNE À BASE DE HFO

Publication
EP 3083786 A1 20161026 (DE)

Application
EP 14815274 A 20141205

Priority
• DE 102013226575 A 20131219
• EP 2014076712 W 20141205

Abstract (en)
[origin: WO2015091021A1] The present invention relates to compositions which are suitable for producing polyurethane foams and contain at least one polyol component, at least one blowing agent, a catalyst which catalyzes the formation of a urethane or isocyanurate bond, a silicon-containing foam stabilizer and optionally further additives and optionally an isocyanate component, characterized in that they contain at least one unsaturated halogenated hydrocarbon as blowing agent and additionally at least one surfactant TD which does not have a silicon atom and has an HLB of less than 10, where the proportion of the sum of the surfactants TD in the composition is from 0.05 to 20 parts by mass per 100 parts by mass of polyol components, a process for producing polyurethane and polyisocyanurate foams, in particular rigid foams, starting out from these polyol compositions, the use of the foams, in particular as insulation materials, and also the insulation materials themselves.

IPC 8 full level
C08J 9/00 (2006.01); **C08J 9/14** (2006.01)

CPC (source: EP KR US)
C08G 18/14 (2013.01 - US); **C08G 18/163** (2013.01 - EP KR US); **C08G 18/18** (2013.01 - EP KR US); **C08G 18/225** (2013.01 - EP KR US); **C08G 18/4804** (2013.01 - US); **C08J 9/0004** (2013.01 - EP KR US); **C08J 9/0061** (2013.01 - EP KR US); **C08J 9/144** (2013.01 - EP KR US); **C08J 9/146** (2013.01 - EP KR US); **F16L 59/028** (2013.01 - US); **C08G 2101/00** (2013.01 - EP KR US); **C08J 2201/022** (2013.01 - EP KR US); **C08J 2203/142** (2013.01 - US); **C08J 2203/162** (2013.01 - EP KR US); **C08J 2205/052** (2013.01 - EP KR US); **C08J 2205/10** (2013.01 - EP US); **C08J 2375/08** (2013.01 - EP US); **C08J 2483/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2015091021A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015091021 A1 20150625; BR 112016014329 A2 20180522; CN 105873993 A 20160817; CN 105873993 B 20190709; DE 102013226575 A1 20150625; DE 102013226575 B4 20210624; EP 3083786 A1 20161026; JP 2017504678 A 20170209; JP 6513090 B2 20190515; KR 102254280 B1 20210521; KR 20160101963 A 20160826; MX 2016008097 A 20160916; US 10023679 B2 20180717; US 2016311961 A1 20161027

DOCDB simple family (application)
EP 2014076712 W 20141205; BR 112016014329 A 20141205; CN 201480069227 A 20141205; DE 102013226575 A 20131219; EP 14815274 A 20141205; JP 2016535696 A 20141205; KR 20167018751 A 20141205; MX 2016008097 A 20141205; US 201415103015 A 20141205