

Title (en)

NON-FLAMMABLE COMPOSITION WHICH CAN BE USED AS A BLOWING AGENT

Title (de)

NICHT ENTFLAMMBARE ZUSAMMENSETZUNG, DIE ALS TREIBMITTEL VERWENDET WERDEN KANN

Title (fr)

COMPOSITION NON INFLAMMABLE UTILISABLE COMME AGENT D'EXPANSION

Publication

**EP 1732976 A1 20061220 (FR)**

Application

**EP 05739659 A 20050315**

Priority

- FR 2005000615 W 20050315
- FR 0403593 A 20040406

Abstract (en)

[origin: WO2005108477A1] The invention relates to compositions which can be used as a blowing agent in the production of thermosetting polymers. More specifically, the invention relates to compositions comprising 1,1,1,3,3-pentafluorobutane (365 mfc), trans-1,2 dichloroethylene and at least one non-flammable hydrofluorocarbon, and to the use thereof.

IPC 8 full level

**C08J 9/14** (2006.01); **C09K 3/30** (2006.01); **C09K 5/04** (2006.01); **C11D 7/50** (2006.01)

CPC (source: EP KR US)

**C08J 9/04** (2013.01 - KR); **C08J 9/14** (2013.01 - KR); **C08J 9/144** (2013.01 - EP US); **C09K 3/30** (2013.01 - EP US); **C09K 5/045** (2013.01 - EP US); **C08J 2207/04** (2013.01 - EP US); **C09K 2205/122** (2013.01 - EP US)

Citation (search report)

See references of WO 2005108477A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2868428 A1 20051007**; **FR 2868428 B1 20060623**; CN 1942514 A 20070404; CN 1942514 B 20100825; EP 1732976 A1 20061220; JP 2007531813 A 20071108; KR 20070004902 A 20070109; US 2011213047 A1 20110901; WO 2005108477 A1 20051117

DOCDB simple family (application)

**FR 0403593 A 20040406**; CN 200580011915 A 20050315; EP 05739659 A 20050315; FR 2005000615 W 20050315; JP 2007506796 A 20050315; KR 20067022309 A 20061026; US 59394405 A 20050315