

Title (en)
RUBBER MIXTURE AND HOSE CONTAINING THE RUBBER MIXTURE

Title (de)
KAUTSCHUKMISCHUNG UND SCHLAUCH ENTHALTEND DIE KAUTSCHUKMISCHUNG

Title (fr)
MÉLANGE DE CAOUTCHOUC ET FLEXIBLE CONTENANT LE MÉLANGE DE CAOUTCHOUC

Publication
EP 2780406 A1 20140924 (DE)

Application
EP 12780474 A 20121025

Priority
• DE 102011055316 A 20111114
• EP 2012071102 W 20121025

Abstract (en)
[origin: WO2013072168A1] The invention relates to a rubber mixture containing at least one fluorine rubber and at least one active filler. The rubber mixture is characterised by an improved tear propagation resistance, without negative influence on the other physical properties, in particular the tensile strength. The invention further relates to a hose (1), having at least the following layer structure: - an inner layer (2) functioning as a barrier layer against aggressive media and containing at least one fluorine rubber and at least one active filler, and - an outer layer (5) made of a cross-linked rubber mixture.

IPC 8 full level
C08K 3/04 (2006.01); **C08L 15/02** (2006.01); **C08L 61/00** (2006.01); **F16L 11/00** (2006.01)

CPC (source: EP)
C08K 3/04 (2013.01); **C08L 15/02** (2013.01); **F16L 11/085** (2013.01)

Citation (search report)
See references of WO 2013072168A1

Citation (examination)
EP 2587107 A1 20130501 - DAIKIN IND LTD [JP]

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)
DE 102011055316 A1 20130516; EP 2780406 A1 20140924; JP 2015504454 A 20150212; WO 2013072168 A1 20130523

DOCDB simple family (application)
DE 102011055316 A 20111114; EP 12780474 A 20121025; EP 2012071102 W 20121025; JP 2014540385 A 20121025