

Title (en)
ADDITIVES FOR THE HYDROLYTIC STABILISATION OF POLYCONDENSATES

Title (de)
ADDITIVE ZUR HYDROLYSESTABILISIERUNG VON POLYKONDENSATEN

Title (fr)
ADDITIFS POUR LA STABILISATION À L'HYDROLYSE DE POLYCONDENSATS

Publication
EP 2780407 A1 20140924 (DE)

Application
EP 12783627 A 20121113

Priority
• EP 11189569 A 20111117
• EP 2012072489 W 20121113
• EP 12783627 A 20121113

Abstract (en)
[origin: WO2013072310A1] The invention relates to a mixture containing at least one multi-functional chain extender with at least three reactive groups, as well as at least one monofunctional or difunctional hydrolytic stabiliser, said chain extender and hydrolytic stabilisers reacting with the end groups of polymers when the polymers are in a melted or solid state, with a chemical bond being formed. The invention also relates to the use of such mixtures as stabilisers for polymers, and to a method for the stabilisation of polymers against losses in molecular weight in which an effective amount of such a mixture is added to the polymer.

IPC 8 full level
C08K 5/00 (2006.01)

CPC (source: EP)
C08G 63/916 (2013.01); **C08K 5/151** (2013.01); **C08K 5/5435** (2013.01); **C08K 5/29** (2013.01)

Citation (search report)
See references of WO 2013072310A1

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 2013072310 A1 20130523; CN 103946291 A 20140723; EP 2780407 A1 20140924; IN 3735CHN2014 A 20150904;
JP 2014533752 A 20141215; KR 20140103956 A 20140827

DOCDB simple family (application)
EP 2012072489 W 20121113; CN 201280056408 A 20121113; EP 12783627 A 20121113; IN 3735CHN2014 A 20140516;
JP 2014541624 A 20121113; KR 20147016344 A 20121113