

Title (en)
PROCESS FOR PRODUCING LOW-EMISSION FLEXIBLE POLYURETHANE FOAMS

Title (de)
VERFAHREN ZUR HERSTELLUNG EMISSIONSARMER POLYURETHANWEICHSCHAUMSTOFFE

Title (fr)
PROCÉDÉ DE FABRICATION DE MOUSSES DE POLYURÉTHANE MOLLES À FAIBLE REJET

Publication
EP 2872542 A1 20150520 (DE)

Application
EP 13728384 A 20130612

Priority
• DE 102012212077 A 20120711
• EP 2013062099 W 20130612

Abstract (en)
[origin: WO2014009086A1] The present invention relates to compositions containing at least one metal salt of a carboxylic acid and one or more amines of the formula (I) $R_4R_1\ 2N-(CH_2)_x-N(R_3)-(CH_2)_y-NR_1R_2$ where R_1 = an identical or different hydrocarbon radical having 1 to 10 carbon atoms, R_2 , R_3 and R_4 are identical to or different from R_1 or a radical $-(Z)z-OH$ where Z is identical to or different from CH_2 or CHR' where R' = hydrocarbon radical having 1 to 10 carbon atoms, $z = 1$ to 10 , $x = 1$ to 10 , $y = 1$ to 10 , and with the proviso that at least one of the radicals R_2 , R_3 or R_4 is a radical $-(Z)z-OH$, a process for producing polyurethane foams in which said compositions or at least one metal salt of a carboxylic acid and one or more amines of the formula (I) are used, and low-emission polyurethane foams which are produced using a carboxylic acid or metal salt thereof and one or more amines of the formula (I).

IPC 8 full level
C08G 18/16 (2006.01); **C08G 18/18** (2006.01); **C08G 18/24** (2006.01); **C08G 18/76** (2006.01); **C08G 101/00** (2006.01)

CPC (source: CN EP US)
C08G 18/14 (2013.01 - US); **C08G 18/165** (2013.01 - CN EP US); **C08G 18/1825** (2013.01 - CN EP US); **C08G 18/244** (2013.01 - CN EP US); **C08G 18/3206** (2013.01 - US); **C08G 18/7621** (2013.01 - CN EP US); **C08G 2110/0008** (2021.01 - CN EP US); **C08G 2110/005** (2021.01 - CN EP US); **C08G 2110/0083** (2021.01 - CN EP US)

Citation (search report)
See references of WO 2014009086A1

Citation (examination)
EP 1362073 A2 20031119 - CROMPTON CORP [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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014009086 A1 20140116; **WO 2014009086 A9 20150205**; CN 104428338 A 20150318; CN 104428338 B 20180522; DE 102012212077 A1 20140116; EP 2872542 A1 20150520; US 2015158968 A1 20150611

DOCDB simple family (application)
EP 2013062099 W 20130612; CN 201380036720 A 20130612; DE 102012212077 A 20120711; EP 13728384 A 20130612; US 201314413909 A 20130612