

Title (en)

ELECTROMECHANICAL TRANSDUCER HAVING A POLYISOCYANATE-BASED POLYMER ELEMENT

Title (de)

ELEKTROMECHANISCHER WANDLER MIT EINEM POLYMERELEMENT AUF POLYISOCYANAT-BASIS

Title (fr)

TRANSDUCTEUR ÉLECTROMÉCANIQUE AVEC UN ÉLÉMENT EN POLYMÈRE À BASE DE POLYISOCYANATE

Publication

EP 2307474 A1 20110413 (DE)

Application

EP 09802449 A 20090717

Priority

- EP 2009005212 W 20090717
- EP 08013648 A 20080730
- EP 09802449 A 20090717

Abstract (en)

[origin: EP2154167A1] Electromechanical transducer comprises at least two electrodes and at least one polymer element, where the polymer element is arranged between two electrodes, and the polymer element is obtainable from a reaction mixture comprising (a) a polyisocyanate and/or a polyisocyanate-prepolymer and (b) a compound having at least two isocyanate reactive amino groups. An INDEPENDENT CLAIM is included for the production of an electromechanical transducer, comprising arranging the polymer element between the electrodes.

IPC 8 full level

C08G 18/10 (2006.01); **C08G 18/32** (2006.01); **C09D 175/02** (2006.01)

CPC (source: EP KR US)

C08G 18/10 (2013.01 - EP KR US); **C08G 18/32** (2013.01 - KR); **C08G 18/3225** (2013.01 - EP US); **C08G 18/3821** (2013.01 - EP US); **C09D 175/02** (2013.01 - EP KR US); **H02K 1/00** (2013.01 - KR); **H10N 30/098** (2023.02 - EP US); **H10N 30/857** (2023.02 - EP US)

Citation (search report)

See references of WO 2010012389A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2154167 A1 20100217; CN 102112511 A 20110629; CN 102112511 B 20150211; EP 2307474 A1 20110413; JP 2011529509 A 20111208; KR 20110048513 A 20110511; TW 201022311 A 20100616; US 2011298335 A1 20111208; WO 2010012389 A1 20100204; WO 2010012389 A8 20110224

DOCDB simple family (application)

EP 08013648 A 20080730; CN 200980129869 A 20090717; EP 09802449 A 20090717; EP 2009005212 W 20090717; JP 2011520356 A 20090717; KR 20117002323 A 20090717; TW 98125453 A 20090729; US 200913056178 A 20090717