

Title (en)
ELECTROMECHANICAL TRANSDUCER HAVING A POLYISOCYANATE-BASED POLYMER ELEMENT

Title (de)
ELEKTROMECHANISCHER WANDLER MIT EINEM POLYMEREELEMENT 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 INDEPENDNET 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)
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Designated extension state (EPC)
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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)
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