

Title (en)

DEVICE FOR EXAMINING CELLS HAVING AN ELASTOMER, AND USE OF THE DEVICE

Title (de)

VORRICHTUNG ZUR UNTERSUCHUNG VON ZELLEN MIT EINEM ELASTOMER SOWIE VERWENDUNG DER VORRICHTUNG

Title (fr)

DISPOSITIF D'ANALYSE DE CELLULES COMPRENANT UN ÉLASTOMÈRE AINSI QU'UTILISATION DU DISPOSITIF

Publication

**EP 2488302 A1 20120822 (DE)**

Application

**EP 10776538 A 20100925**

Priority

- DE 102009049454 A 20091014
- DE 2010001139 W 20100925

Abstract (en)

[origin: WO2011044872A1] The invention relates to a device for examining cells and having an elastomer, and to the use of said device. The elastomer (1) has a bottom (2, 3) and a thicker edge area (4, 6, 8), and regular microstructures are arranged in the bottom (3). Such elastomers are particularly suitable for stretch tests, in particular of the uniaxial type. The invention further relates to advantageous uses of such devices.

IPC 8 full level

**B01L 3/00** (2006.01); **C12M 3/00** (2006.01); **C12M 3/04** (2006.01); **C12N 5/00** (2006.01)

CPC (source: EP US)

**B01L 3/505** (2013.01 - EP US); **C12M 23/26** (2013.01 - EP US); **B01L 2300/0858** (2013.01 - EP US); **B01L 2300/123** (2013.01 - EP US)

Citation (search report)

See references of WO 2011044872A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011044872 A1 20110421**; CN 102665914 A 20120912; CN 102665914 B 20141015; DE 102009049454 A1 20110421;  
EP 2488302 A1 20120822; JP 2013507136 A 20130304; JP 5815539 B2 20151117; US 2012208229 A1 20120816

DOCDB simple family (application)

**DE 2010001139 W 20100925**; CN 201080046402 A 20100925; DE 102009049454 A 20091014; EP 10776538 A 20100925;  
JP 2012533475 A 20100925; US 201013501178 A 20100925