

Title (en)
BREAKER

Title (de)
AUSSCHALTER

Title (fr)
RUPTEUR

Publication
EP 2541576 B1 20170419 (EN)

Application
EP 11747139 A 20110131

Priority
• JP 2010043328 A 20100226
• JP 2011051941 W 20110131

Abstract (en)
[origin: EP2541576A1] [Problems] Providing a compact breaker which enables to reduce contact resistance and to miniaturization much more by maintaining contact positions of a stationary contact and a movable contact appropriately. [Means to solve the Problems] In a breaker comprising a stationary piece 2, a movable piece 3, a bimetal 4 and a case 6, the movable piece 3 has a second elastic portion 35 having an elastic coefficient lower than that of a first elastic portion 34, and is fixed on the case 6 at a fixation portion 33 between the first elastic portion 34 and the second elastic portion 35.

IPC 8 full level
H01H 37/54 (2006.01); **H01H 37/04** (2006.01); **H01H 1/50** (2006.01); **H01H 1/58** (2006.01); **H01H 37/14** (2006.01)

CPC (source: CN EP KR)
H01H 1/504 (2013.01 - KR); **H01H 37/04** (2013.01 - EP KR); **H01H 37/14** (2013.01 - KR); **H01H 37/5427** (2013.01 - EP KR);
H01H 71/02 (2013.01 - CN); **H01H 71/10** (2013.01 - CN); **H01H 71/16** (2013.01 - CN); **H01H 1/504** (2013.01 - EP); **H01H 1/58** (2013.01 - EP);
H01H 37/14 (2013.01 - EP)

Cited by
US2013323547A1; US2012299690A1; US9159985B2; US9653245B2; US9653240B2; US11615930B2; US9715980B2; US10985552B2;
US2017179462A1; US10439196B2; US10707475B2; US11651922B2; EP2988313B1; EP2988313B2

Designated contracting state (EPC)
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EP 2541576 A1 20130102; **EP 2541576 A4 20160309**; **EP 2541576 B1 20170419**; CN 102782793 A 20121114; CN 102782793 B 20151021;
CN 105304416 A 20160203; CN 105304416 B 20171114; HK 1178687 A1 20130913; JP 2012084548 A 20120426; JP 2012238615 A 20121206;
JP 2013140819 A 20130718; JP 2013149632 A 20130801; JP 4980495 B2 20120718; JP 5154708 B2 20130227; JP 5661145 B2 20150128;
JP 5695695 B2 20150408; JP WO2011105175 A1 20130620; KR 20130019370 A 20130226; WO 2011105175 A1 20110901

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JP 2011051941 W 20110131; JP 2011537793 A 20110131; JP 2012018487 A 20120131; JP 2012178354 A 20120810;
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