

Title (en)

HYDRAULIC ANTI-LOCK SYSTEM FOR A BICYCLE

Title (de)

HYDRAULISCHES ANTIBLOCKIERSYSTEM FÜR EIN ZWEIRAD

Title (fr)

SYSTÈME ANTIBLOCAGE HYDRAULIQUE POUR UN DEUX-ROUES

Publication

EP 2943379 A1 20151118 (DE)

Application

EP 13796030 A 20131121

Priority

- DE 102013200422 A 20130114
- EP 2013074343 W 20131121

Abstract (en)

[origin: WO2014108235A1] A hydraulic anti-lock system (12) for a bicycle (10), the anti-lock system (12) comprising an inlet valve (36) for establishing and shutting off a hydraulic connection (42) between a brake actuation device (16) and a wheel brake (24); a pressure accumulator (40) for receiving brake fluid from the hydraulic connection (40) between the inlet valve (36) and the wheel brake (24); and an outlet valve (38) for connecting the pressure accumulator (40) to, and separating the pressure accumulator (40) from, the wheel brake (24). The pressure accumulator (40) is designed so as to feed brake fluid back into the hydraulic connection (42) between the inlet valve (36) and the wheel brake (24).

IPC 8 full level

B60T 8/32 (2006.01); **B62L 3/02** (2006.01)

CPC (source: CN EP US)

B60T 8/1706 (2013.01 - CN EP US); **B60T 8/176** (2013.01 - US); **B60T 8/3225** (2013.01 - CN EP US); **B62L 3/023** (2013.01 - CN EP US); **B60T 8/42** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2014108235A1

Citation (examination)

- US 2012303234 A1 20121129 - MATSUDA YOSHIMOTO [JP]
- US 2007273202 A1 20071129 - OGAWA TAKAHIRO [JP]
- US 2012200148 A1 20120809 - WAIDA KAZUMA [JP], et al

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 2014108235 A1 20140717; CN 104936837 A 20150923; CN 104936837 B 20190730; DE 102013200422 A1 20140717; EP 2943379 A1 20151118; JP 2016502959 A 20160201; US 2015344009 A1 20151203

DOCDB simple family (application)

EP 2013074343 W 20131121; CN 201380070313 A 20131121; DE 102013200422 A 20130114; EP 13796030 A 20131121; JP 2015552003 A 20131121; US 201314760167 A 20131121