

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 May 2011 (19.05.2011)

(10) International Publication Number
WO 2011/057591 A2

(51) International Patent Classification:
B60C 23/00 (2006.01)

(21) International Application Number:
PCT/CZ2010/000114

(22) International Filing Date:
11 November 2010 (11.11.2010)

(25) Filing Language: Czech

(26) Publication Language: English

(30) Priority Data:
PV 2009-748 11 November 2009 (11.11.2009) CZ

(71) Applicant (for all designated States except US): **CODA DEVELOPMENT, S.R.O.** [CZ/CZ]; Tábořská 438/51, 14000 Praha 4 (CZ).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HRABAL, František** [CZ/CZ]; Nezamyslova 274/10, 12000 Praha 2 (CZ).

(74) Agent: **KRATOCHVÍL, Václav**; Radlická 28/663, 15000 Praha 5 (CZ).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: A DEVICE FOR TRANSPORT OF AIR IN THE TIRE

(57) Abstract: A device for transport of air in the tire P or close to it consisting of a chamber K in the shape of a hollow compressible channel, placed along at least a part of the tire perimeter, characterized by the fact that a ring OK is placed at the inner side of the chamber K with the distance of its outer side from the tire axis of rotation equal to 1 to 1.1 multiple of the distance of the bottom side of the chamber K from the axis of rotation of the tire P.



WO 2011/057591 A2