

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
26 October 2017 (26.10.2017)



(10) International Publication Number
WO 2017/184295 A8

(51) International Patent Classification:
E02F 9/28 (2006.01)

(21) International Application Number:
PCT/US2017/023964

(22) International Filing Date:
24 March 2017 (24.03.2017)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
15/134,890 21 April 2016 (21.04.2016) US

(71) Applicant: CATERPILLAR INC. [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-9510 (US).

(72) Inventors: BJERKE, Nathan; 5600 W. Timberedge Drive, Peoria, IL 61615 (US). CONGDON, Thomas, Marshall; 5413 W. Legion Hall Road, Dunlap, IL 61525 (US).

(74) Agent: MISFELDT, Eric, D. et al.; Caterpillar Inc., 100 NE Adams Street - Ah9510, Peoria, IL 61629-9510 (US).

(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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,

(54) Title: ADAPTER SYSTEM FOR ATTACHING COMPONENTS TO DIFFERENTLY SIZED BASE EDGES

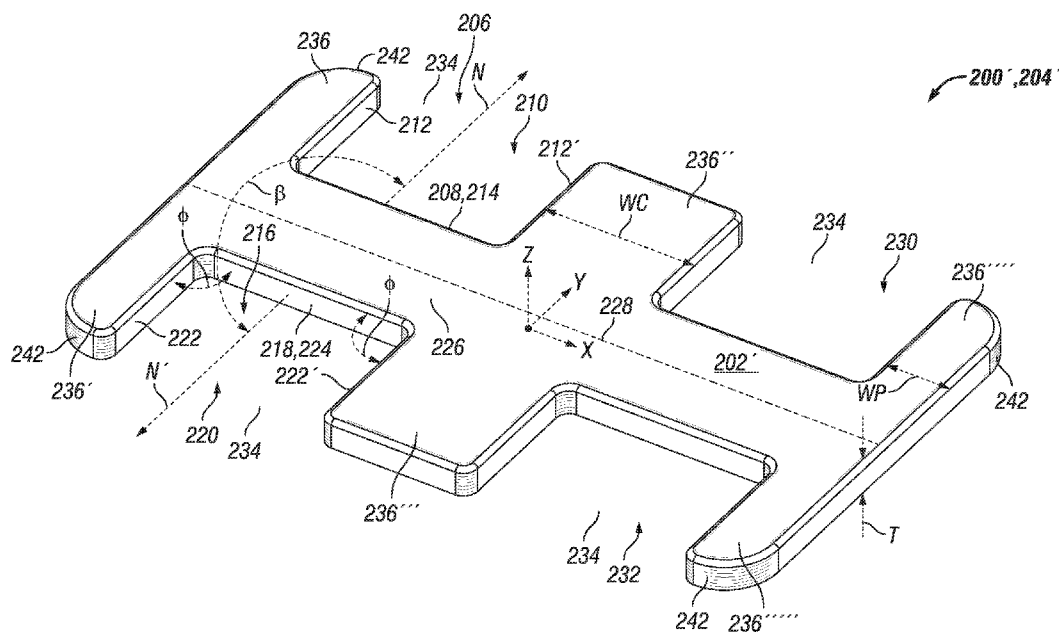


FIG. 5

(57) Abstract: A shim (200, 200') for use with a wear member (102) is provided. The shim (200) comprises a body (204, 204') that defines a first aperture (206) and second aperture (216) that each includes a closed end (208, 218) and an open end (210, 220), wherein each aperture is defined by at least three surfaces including two side surfaces (212, 212'), (222, 222') and at least one surface (214, 224) that defines the closed end (208, 218) and that further defines a surface normal (N, N') that points toward the open end (210, 220), and the surface normal (N) of the first aperture (206) forms an angle (β) with the surface normal (N') of the second aperture (216) that is greater than zero degrees.



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,
KM, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(48) Date of publication of this corrected version:

08 November 2018 (08.11.2018)

(15) Information about Correction:

see Notice of 08 November 2018 (08.11.2018)