(12) 特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関
国際事務局

(43) 国際公開日
2012 年 4 月 5 日(05.04.2012)

PCT

(10) 国際公開番号
WO 2012/043504 A1

(51) 国際特許分類:
A61M 39/02 (2006.01) *A61M 39/00* (2006.01)
A61M 5/168 (2006.01)

(21) 国際出願番号: PCT/JP2011/071948

(22) 国際出願日: 2011 年 9 月 27 日(27.09.2011)

(25) 国際出願の言語: 日本語

(26) 国際公開の言語: 日本語

(30) 優先権データ:
特願 2010-217068 2010 年 9 月 28 日(28.09.2010) JP

(71) 出願人 (米国を除く全ての指定国について): テルモ株式会社(TERUMO Kabushiki Kaisha) [JP/JP]; 〒1510072 東京都渋谷区幡ヶ谷２丁目４４番１号 Tokyo (JP).

(72) 発明者; および

(75) 発明者/出願人 (米国についてのみ): 上田 泰央 (UEDA Yasuhiro) [JP/JP]; 〒4093853 山梨県中巨摩郡昭和町築地新居１７２７番地の１ テルモ株式会社内 Yamanashi (JP). 図師 泰伸(ZUSHI Yasunobu) [JP/JP]; 〒4093853 山梨県中巨摩郡昭和町築地新居１７２７番地の１ テルモ株式会社内 Yamanashi (JP).

(74) 代理人: 特許業務法人信友国際特許事務所(Shinyu International Patent Firm); 〒1510073 東京都渋谷区笹塚２－１－６ 笹塚センタービル Tokyo (JP).

(81) 指定国 (表示のない限り、全ての種類の国内保護が可能): 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, QA, RO, RS, RU, RW, 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.

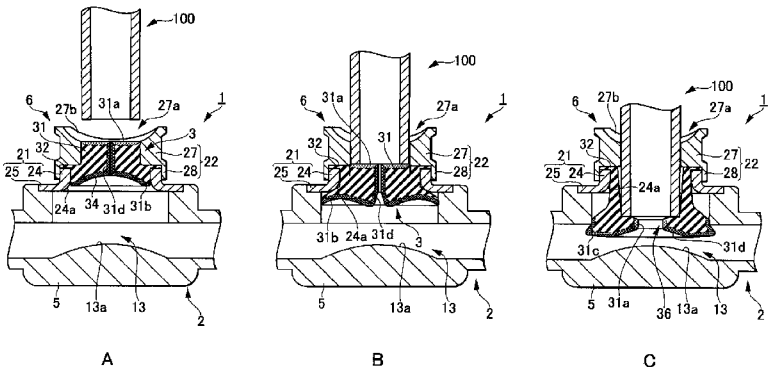
(84) 指定国 (表示のない限り、全ての種類の広域保護が可能): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[続葉有]

(54) **Title**: CONNECTOR

(54) 発明の名称 : コネクタ

FIG. 4



(57) **Abstract**: The present invention provides a connector that is capable of opening a valve without the need to insert the leading end of a pipe inside a flow passage of a housing. This connector is provided with a housing provided with a flow passage and a pipe connection opening, and a valve which is formed by an elastic material and which occludes the pipe connection opening. The valve has a deformation section formed in a substantially cylindrical shape, and a flanged fixing piece that protrudes from the outer periphery of the deformation section. The deformation section has a top surface that is exposed from the pipe connection opening, a bottom surface opposite to the top surface, and a slit that reaches the bottom surface from the top surface. The fixing piece is disposed on a middle section of the top surface and the bottom surface, and is fixed to the housing. When the top surface is pressed by the pipe, the deformation section of the valve is displaced toward the flow passage while being elastically deformed, and the inner surface that forms the slit faces the flow passage, and the top surface forms an opening linked to the flow passage.

(57) 要約:

[続葉有]

WO 2012/043504 A1