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(54) Title: A SYSTEM TO BE COUPLED TO A CARDAN SHAFT, RELATED CARDAN SHAFT AND OPERATION METHOD OF SAID SYSTEM

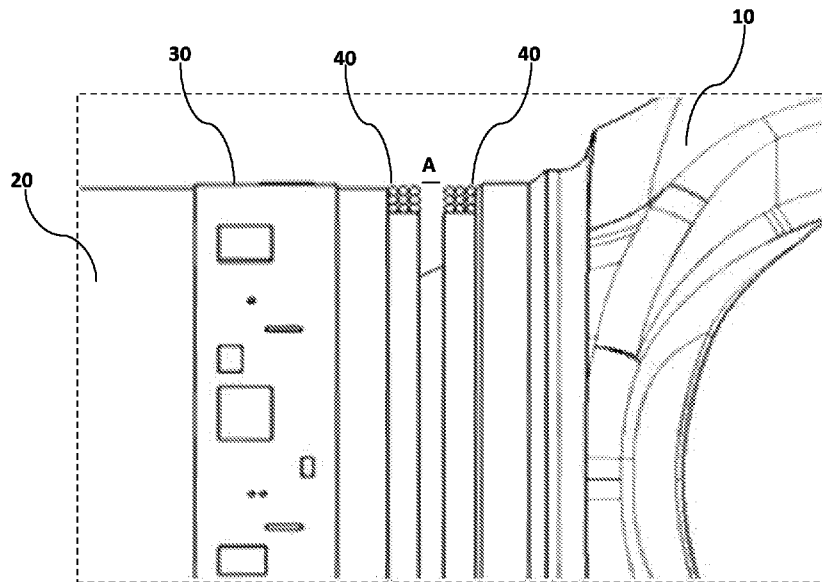


Figure 2.A

(57) Abstract: The invention is a cardan shaft (1) slip distance change detection system for determining the amount of length change of the cardan shaft (1), comprising a moveable element (10) and a stationary element (20) associated with a telescopic approach to compensate for the change of distance caused by the vehicle's axle movements, comprises at least two conductive (40) elements configured as one of them connected to a fixed point, another to the moveable element (10), a power element to supply power to at least one of the conductive elements (40), a detection unit (30) for measuring the electrical value change provided by the electrical interaction between the conductive elements (40) and correlating it with the distance between the conductive elements (40).



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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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TURKPATENT Patent Database

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO Abstract & Full-text Databases, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 20080051535 A (HYUNDAI MOTOR CO LTD [KR]) 11 June 2008 (2008-06-11) Figures 1-2; Abstract; Paragraph [0030]	1-26
A	US 2010037527 A1 (STABILUS GMBH [DE]) 18 February 2010 (2010-02-18) the whole document	1-26
A	CN 104949652 A (BAOSHAN IRON & STEEL) 30 September 2015 (2015-09-30) the whole document	1-26



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