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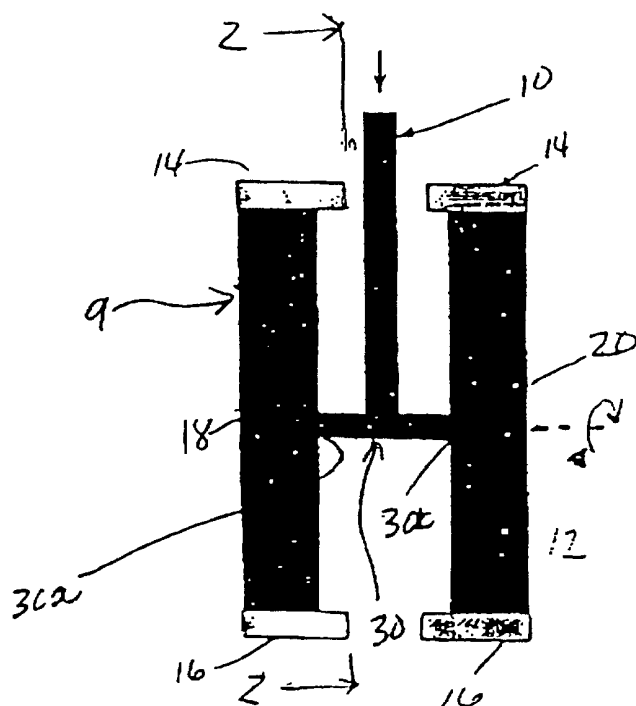
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(54) Title: **STABLE BI-AXIAL PIVOT FLEXURE COUPLING**



(57) Abstract: A coupling comprises blade flexures (18, 20) that connect two end members (14, 16) through which control rods (10) extend to cross members (30) that are attached near the mid-points of the blade flexures (18, 20), providing stable-linear load reaction means for use as end pivots for linkages where stickslip motion is undesirable. The blade flexures (18, 20) are housed in a rigid cage comprising four separators (35-38) that are attached to end members (14, 16), and the flexures (18, 20) are attached to the end members (14, 16) by the separators.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16C11/12

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16C F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 1 561 634 A (NILS FOLKE HECTOR) 28 March 1969 (1969-03-28) the whole document ---	1, 3
A	DE 14 25 903 A (AB SVENSKA KULLAGERFABRIKEN) 18 September 1969 (1969-09-18) page 3 -page 4; figures 1-4 ---	1, 2
A	EP 0 101 796 A (HEIDENHAIN GMBH DR JOHANNES) 7 March 1984 (1984-03-07) claim 1; figure 1 ---	1
A	DE 32 41 373 A (ANSCHUETZ & CO GMBH) 10 May 1984 (1984-05-10) page 7, line 1 -page 8, line 8; figure 1 --- -/--	1

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 384 424 A (RAINES DONALD B) 21 May 1968 (1968-05-21) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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