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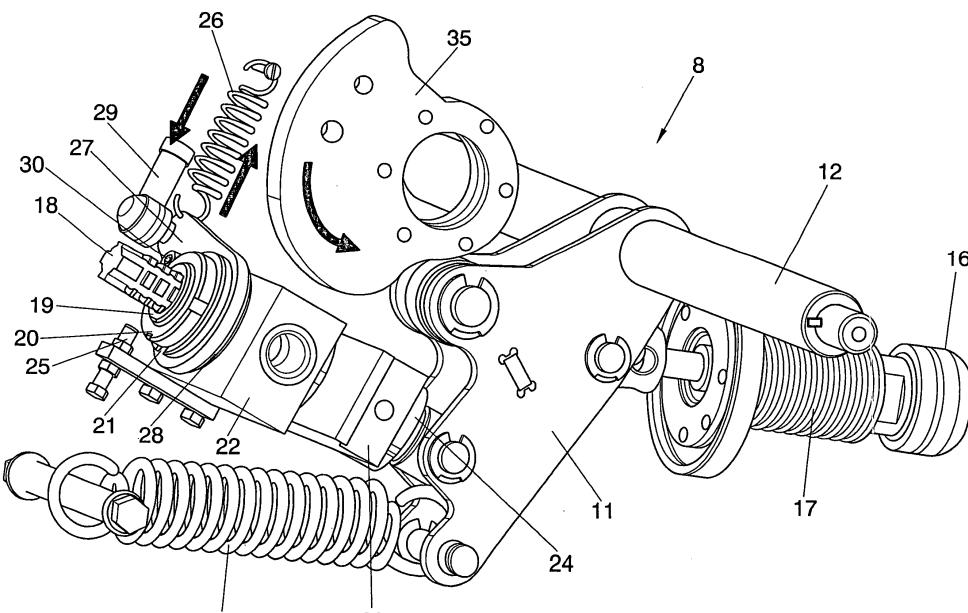
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### (54) Operating mechanism with device preventing contact vibration for vacuum circuit breaker.

(57) The invention relates to a break and connection module applied in high voltage switchgear, comprising a multi-pole vacuum switch (2), comprising a fixed contact (9) and a mobile contact (10), an operating mechanism (3) common to all the poles of the switch, a base (4) configured to support the vacuum switch (2) and the operating mechanism (3), a coupling device (16) for each

pole of the vacuum switch (2) which transmits an actuating force from the operating mechanism (3) to the mobile contact (10), wherein the operating mechanism (3) comprises a locking device (8) configured to prevent a rebound effect of the mobile contact (10) after performing break and/or connection operations of said vacuum switch (2).



**FIG. 3**



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 38 0201

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 3 787 649 A (ERNI H ET AL) 22 January 1974 (1974-01-22) * column 8, line 8 - line 22 * * column 9, line 12 - line 22 * * figures * -----	1,2,9-16	INV. H01H33/666 H01H1/50  ADD. H01H33/02 H01H3/30
A	GB 1 384 699 A (ASS ELECT IND) 19 February 1975 (1975-02-19) * page 2, line 6 - line 82; figures * -----	1,2	
A	US 4 124 790 A (KUMBERA DAVID G ET AL) 7 November 1978 (1978-11-07) * the whole document * -----	1,2,9,10	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01H
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	Munich	23 October 2012	Ramírez Fueyo, M
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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The members are as contained in the European Patent Office EDP file on  
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23-10-2012

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3787649	A	22-01-1974	AU CA US	5861473 A 985725 A1 3787649 A		30-01-1975 16-03-1976 22-01-1974
GB 1384699	A	19-02-1975		NONE		
US 4124790	A	07-11-1978		NONE		