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(72) Inventors:
• **Varetto, Ener**
10057 Sant'Ambrogio (TO) (IT)
• **Piccolo, Lio**
10095 Grugliasco (TO) (IT)

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(74) Representative: **Cian, Paolo**
Saconney & Cian
Corso Vittorio Emanuele II, 14
10123 Torino (IT)

(71) Applicant: **VEP Automation S.r.l.**
10092 Beinasco (Torino) (IT)

(54) **Control unit for controlling the angular end-of-stroke positions of the clamping arm of a locking device of the articulated lever type**

(57) A control unit for controlling the angular end-of-stroke positions of the clamping arm of a locking device of the articulated lever type, in which the arm (12) is fastened on a rotatable shaft (16) and is controlled into rotation through a toggle joint unit (22) by the axial sliding of a control rod (20), comprises a support member (5) for supporting a pair of sensors (48, 50) which sense the passing of reference means (32, 34) connected to the rod (20) in order to control its stop when the positions of angular end-of-stroke of the arm (12) are reached. The support member (5) can be fastened to the body (2) of the device at an opening (5a) of the rear zone (3) of the device (1). The sensors (48, 50) are fixed to the support member (5) and the reference means comprise two appendages (32, 34) separated and connected to the rod (20), at least one (34) of which is associated to adjustable fastening means (28, 36, 38, 40) in order to allow to fasten it in one of a plurality of positions along the rod (20).

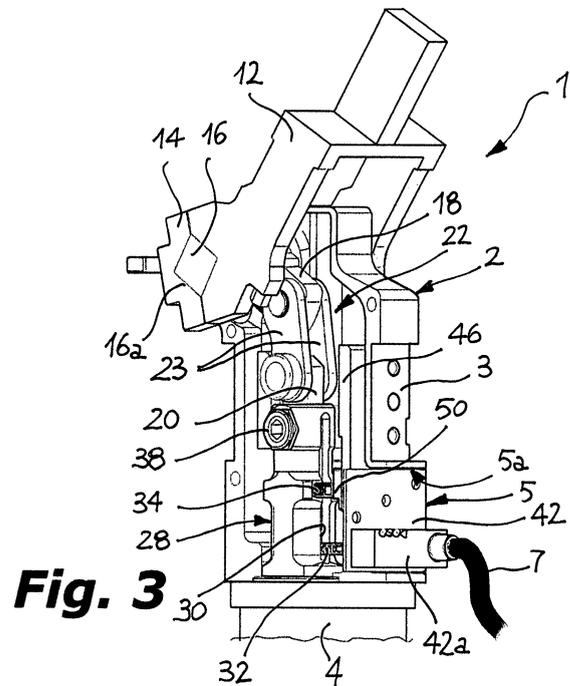


Fig. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 04 02 4245

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 April 2009	Examiner Klein, A
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	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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