

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets

(11)

Publication number:

0 135 791**A3**

(12)

EUROPEAN PATENT APPLICATION

(21)

Application number: **84109866.8**

(51)

Int. Cl.⁴: **D 21 G 3/00**

(22)

Date of filing: **18.08.84**

(30)

Priority: **31.08.83 SE 8304700**

(43)

Date of publication of application:
03.04.85 Bulletin 85/14

(88)

Date of deferred publication of search report: **04.02.87**

(84)

Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

(71)

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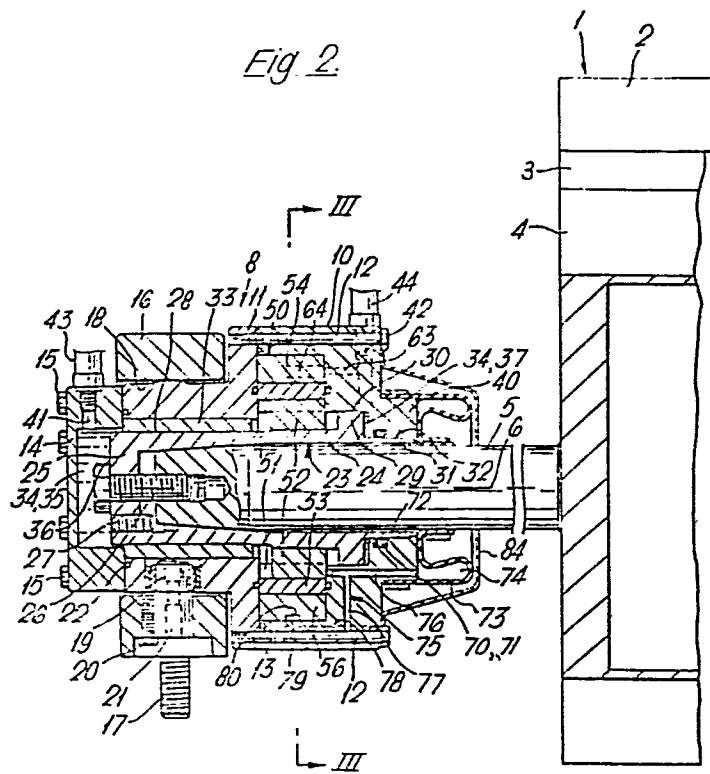
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Bearing arrangement.

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The invention relates to a bearing arrangement for journaling a device, in particular a doctor blade carrier, which is designed to be able to move axially in an oscillating fashion as well as to be moved a certain angle about its axis from an OFF position, the rest position of the device, to an ON position, the working position of the device, and back. The invention is characterized by comprising a bearing housing (9) containing a hydraulic cylinder (34) having two pressure chambers to accomplish the axial oscillations, viz a first pressure chamber (35) axially outside the end of the journal (5) and a second, annular, pressure chamber (39) around the journal at a distance from its end, first and second connecting conduits (41, 42) to deliver and evacuate a pulsating flow of hydraulic fluid to alternately said first and second pressure chambers, respectively, to accomplish the axial oscillations, and a hydraulically powered turning device (50) inside the bearing housing with which to turn the journal in the hydraulic cylinders (34) to and from said on and off positions.

Fig. 2.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-2 318 504 (LODDING) * Whole document *	1	D 21 G 3/00
A	GB-A-1 085 191 (GOUDSCHE MACHINEFABRIEK)		
A	US-A-3 750 228 (WAKE)		
A	GB-A-1 222 832 (KENYON ENGINEERING CONTROLS)		
A	GB-A-2 023 239 (BELOIT)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			D 21 G B 41 F F 26 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-11-1986	Examiner DE RIJCK F.
CATEGORY OF CITED DOCUMENTS 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 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			