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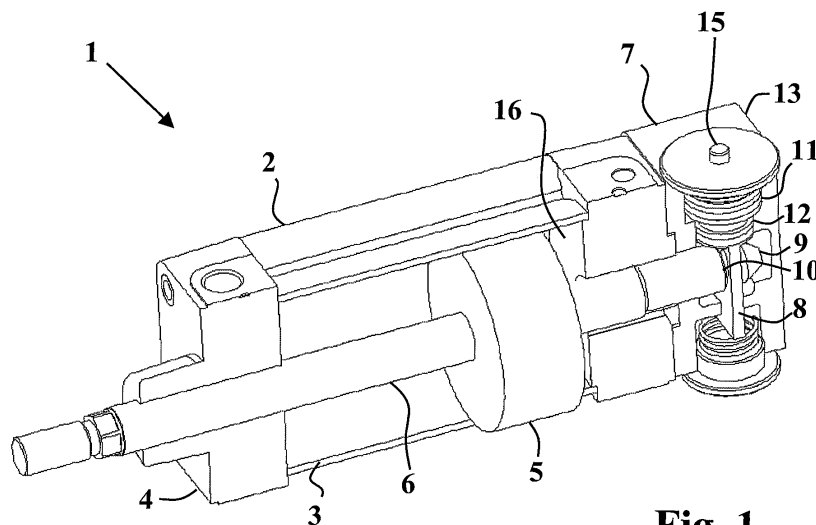
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(54) **Linear cylinder unit with locking means**

(57) Linear cylinder unit (1), in particular a pressure cylinder (2), comprising a cylinder tube (3), at least one end cover member (4), a piston (5), which is axial displaceable within said cylinder tube (3), a piston rod (6), which is connected to said piston (5) and at least one piston locking unit (7), whereas said piston locking unit (7) is arranged on at least one end of the body of the said pressure cylinder (2), whereas the piston locking unit (7) comprises a locking element (8), which is linear movable in a perpendicularly direction to the piston rod (6), in order to achieve a form- fitted connection between the piston

rod (6) and the locking element (8), whereas the said locking element (8) features a plane profile including a bore (10), where the piston rod (6) is guided through, whereas the edge of the bore (10) engages in at least one recess (18) arranged in the said piston rod (6), in order to block the movement of the piston rod (6). By this invention the objective can be reached, to provide a linear cylinder locking unit, which offers a high accessibility, an optional removability and which features the transmission of high blocking forces through a high contact area and with a high stiffness.



**Fig. 1**

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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 27 November 2007	Examiner Krikorian, Olivier
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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                      &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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