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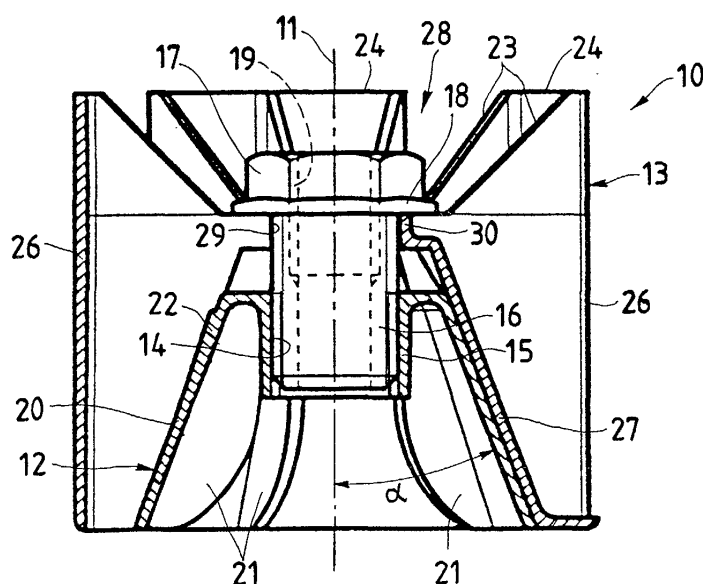
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(54) Expander for table legs

(57) An expander for table legs consists of two elements, internal and external, joined to each other in a coaxial position by a threaded unit, wherein the internal element is a truncated cone body (12), having an external lateral surface (20) in the form of a truncated cone, sloping at an angle (α) with respect to the vertical, and equipped with a threaded hole (14), and wherein the external element, elastically deformable, consists of an ac-

cordion wall (13) with a radial sectored structure, in which sectors (24) form an external cylindrical contact surface (26), which interacts with an internal surface of a hollow tubular leg (34) and in which sectors (25) form an internal truncated cone contact surface (27) sloping at an angle (α), the angle (α) belonging to a inclination range which is such as to optimize the distribution of acting forces in the expander (10) during tightening.

Fig.2





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EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)		
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The present search report has been drawn up for all claims					
Place of search MUNICH		Date of completion of the search 23 May 2002	Examiner MacCormick, D		
<table border="0"> <tr> <td> 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 </td> <td> 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 </td> </tr> </table>				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
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				

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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