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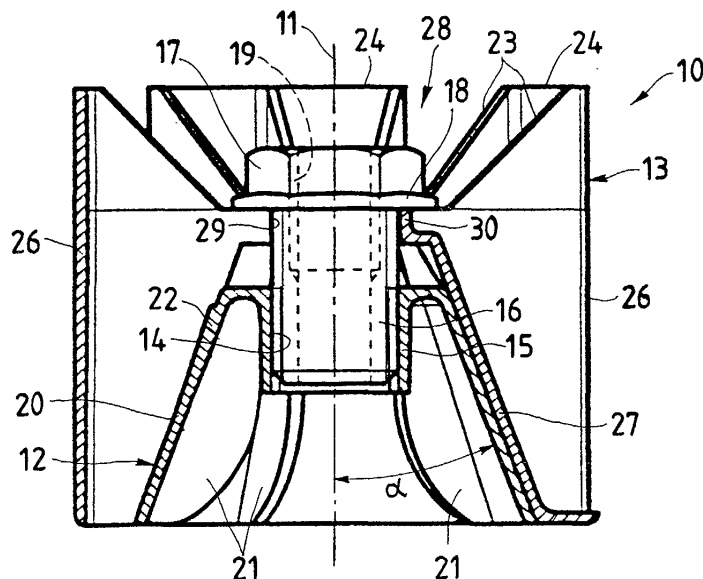
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(54) **Expander for table legs**

(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
EP 01 20 4450

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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			TECHNICAL FIELDS SEARCHED (Int.Cl.7) A47B F16B F16M
Place of search MUNICH		Date of completion of the search 23 May 2002	Examiner MacCormick, D
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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