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(54) **Warp tension device with a gradual-action suspension for weaving looms**

(57) A warp tension device is disclosed, of the type comprising a compensating cylinder (1) supported on at least two stations arranged along the width of the loom and on at least two support elements (2,3) for each station, movable by the action of a force expressed by the tension of the warp yarns passing over it and an opposing action of a resilient element (7), wherein the dis-

placements of the two support elements (2,3) of each station are in a respective relationship established by a predefined kinematic mechanism, said resilient element (7) reacting to the displacement of at least one of said support elements (2,3).

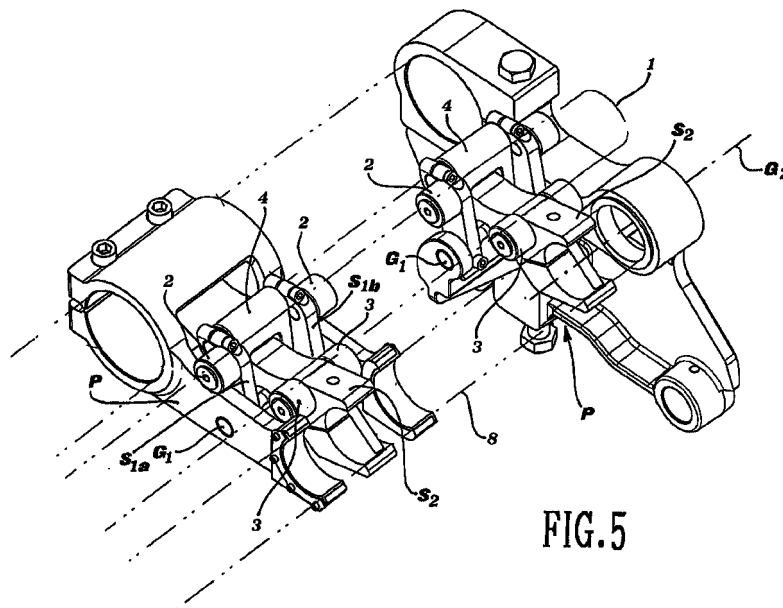


FIG.5



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EUROPEAN SEARCH REPORT

Application Number
EP 99 12 5153

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		30 June 2000	Rebiere, J-L
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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