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(54) **Dishwasher with height adjustable rack**

(57) A dishwasher (1) is described comprising a washing tank (2) housing at least one rack (3) sliding along lateral guides (4) of the tank to which said rack (3) is connected by means of sliding means (101, 102) provided with adjustment means (7) that are suitable to selectively vary the vertical position of said rack. The adjustment means (7) for the height of the rack comprise at least a first vertically displaceable element (8) associated with the rack (3), at least one second element (6) associated with the sliding means (101, 102) and at

least one third revolving element (13) that can rotate in a single sense, said second element (6) co-operating with said first element (8) so that by applying an upward force to the rack (3) an upper position and a lower position are defined between which said rack (3) can be moved, said third revolving element (13) being in locking engagement with said second element (6) when in said lower and upper positions of the rack (3) and in locking engagement with said first element (8) when in said upper position of the rack (3).

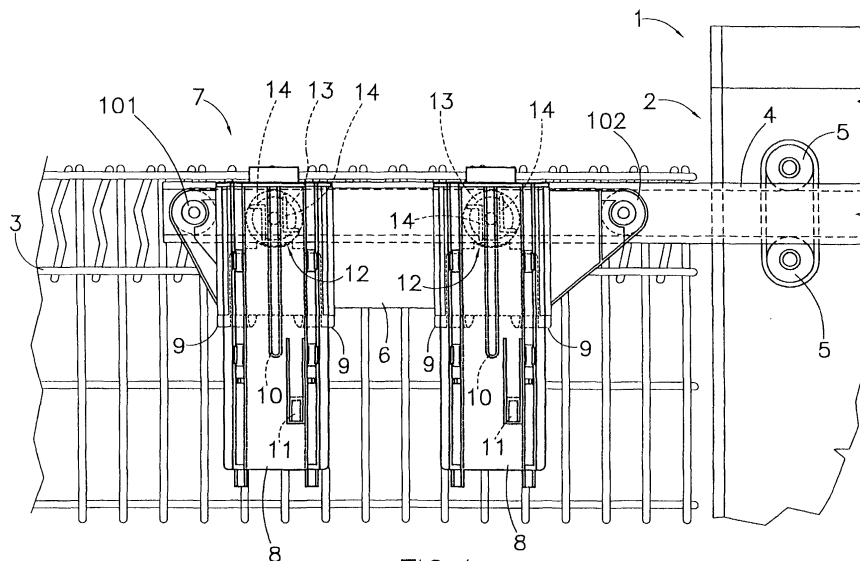


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number  
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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 12 November 2002	Examiner Papadimitriou, S
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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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on the European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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