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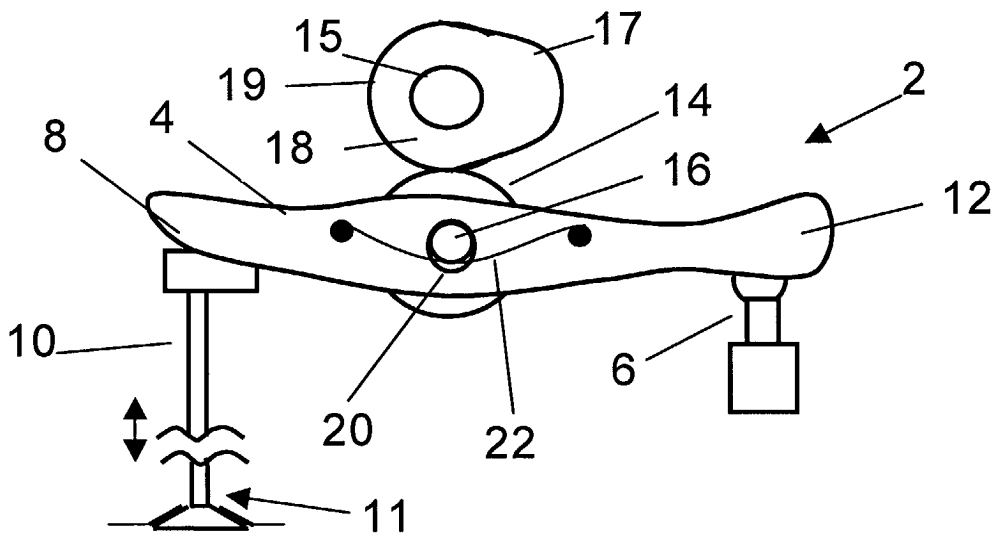
<div>(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR Designated Extension States: AL LT LV MK RO SI</div>	<div>(72) Inventors: <ul style="list-style-type: none"> Genise, David Gerard 10023 Chieri (TO) (IT) Cecur, Majo 49068 Marshall, MI (US) </div>
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(54) Valve train assembly

(57) A rocker arm assembly for a valve train includes a hydraulic lash adjuster (6) for accommodating slack in the valve train. There is also a lost-motion connection preferably between the axle of a roller (14) which is operated upon by a cam and the rocker arm (4) itself. Excessive expansion of the lash adjuster (6) will not pre-

vent closing of the valve (11) because the closing movement is accommodated by the lost-motion connection. A spring (22) is provided to maintain the lost-motion connection despite the tendency of the hydraulic lash adjuster (6) to expand. Greater tolerance in the cam base circle radius is allowed, permitting the use of net-shaped cams.

FIG. 3





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EUROPEAN SEARCH REPORT

Application Number
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Place of search		Date of completion of the search	Examiner
MUNICH		21 October 2002	Paulson, B
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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