

Title (en)  
ROCKER ASSEMBLY WITH INTERCONNECTABLE ARMS

Title (de)  
SCHWINGHEBEL-BAUGRUPPE MIT MITEINANDER VERBINDBAREN ARMEN

Title (fr)  
ENSEMBLE CULBUTEUR A BRAS RELIABLES

Publication  
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Application  
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Abstract (en)  
[origin: US5680835A] PCT No. PCT/EP94/02184 Sec. 371 Date Feb. 5, 1996 Sec. 102(e) Date Feb. 5, 1996 PCT Filed Jul. 4, 1994 PCT Pub. No. WO95/04873 PCT Pub. Date Feb. 16, 1995A rocker assembly includes a central arm and two outer arms supported on a rocker shaft portion, and a plurality of supporting brackets. The arms, which are actuated by respective cams, actuate at least two lifting valves of a cylinder of an internal combustion engine. Both outer arms may be independently hydraulically coupled by bolt elements to the central arm. Hydraulic ducts extend through the supporting brackets, the rocker shaft portion and the outer arms to communicate with the coupling bolts. The rocker arms, the rocker shaft portion, and the supporting brackets form a pre-assembly unit. The central arm may have a roller on which an associated cam rolls, with the bolt elements of the central arm being arranged coaxially to the roller inside the roller.

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