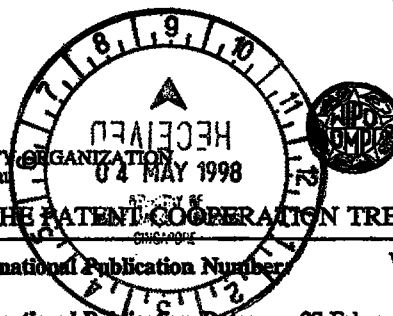


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(54) Title: IMPROVEMENTS TO ROLL STABILISATION MECHANISMS IN VEHICULAR SUSPENSION SYSTEMS

(57) Abstract

A vehicular suspension system for a vehicle respectively supported on at least one pair of transversely adjacent front support assemblies and at least one pair of transversely adjacent back support assemblies, the suspension system including a force transmitting means interconnecting the at least one pair of transversely adjacent front support assemblies and a force transmitting means interconnecting the at least one pair of transversely adjacent back support assemblies, the force transmitting means transferring forces between the interconnected support assemblies, wherein each force transmitting means includes connection means for progressively varying the magnitude and direction of the force transferred between the associated support assemblies by the force transmitting means as a function of the relative positions of and the load applied to at least two pairs of the interconnected support assemblies, the connection means being functionally linked such that the magnitude and the direction of the force transmitted between associated support assemblies by each of the force transmitting means is progressively varied to thereby maintain and return the attitude of the vehicle to a position that is at least substantially parallel to the average surface plane supporting the vehicle.

