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(57) Abstract :

The present invention relates to a vehicle towing device, comprising a sensor installed for sensing the shaft's angular movement, a primary control unit mapped with the sensors for detecting the movements and to generate a command signal upon sensing movement, a secondary control unit installed in second vehicle and connected with the primary control unit for receiving the command signal, a motor driver fabricated in second vehicle connected with the secondary unit actuating a motor in either direction for controlling the shaft's movement, a connecting unit connecting the first and second vehicles for performing towing action wherein connecting unit comprises of a hydraulic unit 2 incorporated in the connecting unit to absorb shock impulses, a knuckle joint 3 having locking pin and a pair of rods 4 linked with the hydraulic unit 2 in order to provide connectivity to the vehicles, multiple pin joints 1 connected with the hydraulic unit 2 and rods 4 for providing linkage between the vehicles.

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