

Title (en)
ADJUSTABLE WHEEL SUSPENSION FOR UTILITY VEHICLES

Title (de)
VERSTELLBARE RADAUFHÄNGUNG FÜR NUTZFAHRZEUGE

Title (fr)
SUSPENSION DE ROUES REGLABLE POUR VEHICULE UTILITAIRE

Publication
EP 1885568 A1 20080213 (EN)

Application
EP 06747820 A 20060530

Priority
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• SE 0501263 A 20050531

Abstract (en)
[origin: WO2006130077A1] Adjustable wheel suspension for a utility vehicle with two wheels located on the same side of the vehicle (1), suspended on a vehicle frame (3). The wheels are mounted on separate supporting arms (14, 15) in such a way that they can rotate on separate wheel axles (18, 19) and can assume different height positions in relation to each other. The wheel suspension has a suspension part (13) arranged on the frame (3) on each side, mounted on a pivot axle (12) in such a way that it can pivot. This is mounted on the supporting arms (14, 15), in such a way that it can pivot, at a distance from the bearing axle (18, 19) of the respective wheel. Linear force devices (30, 31) are arranged between the frame and the movable suspension part, for controlling the position of the suspension part. Linear force devices (52, 53) are arranged between the supporting arms and the suspension part for controlling the rotational position of each supporting arm in relation to the suspension part and hence the height of each wheel axle in relation to the frame.

IPC 8 full level
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CPC (source: EP SE)
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