

Title (en)
TRAILING ARM SUSPENSION WITH WRAPPER COMPRESSION AXLE MOUNTING

Title (de)
GEZOGENER AUFHÄNGUNGSLENKER UND BEFESTIGUNG DER ACHSE DURCH REINE VORGESPANNTE UMSCHLIESSENDE HALTERUNG

Title (fr)
SUSPENSION A BRAS LONGITUDINAL AVEC MONTAGE SUR ESSIEU A COMPRESSION PAR ENVELOPPEMENT

Publication
EP 0842057 A1 19980520 (EN)

Application
EP 96926855 A 19960802

Priority

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Abstract (en)
[origin: WO9706022A1] A vehicle axle has mounted thereto a vehicle component, such as a brake actuator, a radius rod or track bar tower or a suspension for mounting the axle to the vehicle frame through an axle wrapper band which uniformly compresses the axle to provide a substantial frictional force between the axle and the wrapper band of a magnitude to prevent any appreciable translation or rotational movement of the axle with respect to the wrapper band in normal service on a vehicle. The axle can be round or multi-sided and the wrapper band has a corresponding shape. The wrapper band can be formed in parts, for example, U-shaped or L-shaped halves, and compressed towards each other before joining the halves either by welding or by a mechanical attachment. Alternatively, the wrapper band can be unitary in nature, heated and press-fit onto the axle. The wrapper band applies compressive pressure uniformly to the axle along multiple angularly spaced axes and minimizes or eliminates the need for welding the components to the axle.

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IPC 8 full level
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Citation (search report)
See references of WO 9706022A1

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