

Title (en)
INDEPENDENT PIVOT AXLE

Title (de)
UNABHÄNGIGE SCHWENKACHSE

Title (fr)
TRAIN A PIVOT INDEPENDANT

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Application
EP 04787330 A 20040908

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Abstract (en)
[origin: WO2005023569A1] An independent pivot axle (1) for a motor vehicle, comprising a first support (10) wherein an upper part (11) thereof is connected to a shock absorbing device (40) and a lower part (12) is connected to a suspension arm (30) which is articulated on the frame of the vehicle. The first support (10) bears a second support (20) which pivots around an axis. The pivoting axis (13) is substantially vertical in relation to the first support (10) and bears a wheel hub (50) of the motor vehicle. The invention is characterized in that the lower part (12) of the first support (10) is linked to the suspension arm (30) by a swivel link (60), and in that the independent pivot axle (1) comprises an anti-rotation device (70) which is connected to the first support (10) and which can block the rotation of the first support (10) according to a substantially vertical axis.

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