

Title (en)
Hinge arrangement

Title (de)
Scharnieranordnung

Title (fr)
Agencement de charnière

Publication
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Application
EP 14158896 A 20140311

Priority
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Abstract (en)
The invention relates to a hinge arrangement (16, 52, 66, 76) for a vehicle (10). The hinge arrangement comprises a first hinge member (26), adapted to be attached to a body structure (22) of the vehicle, a second hinge member (28) and a third hinge member (30), adapted to be attached to a bonnet (12) of the vehicle. A second end (40) of the second hinge member is movably connected to the third hinge member (30). The hinge arrangement (16) further comprises a positioning member (46, 54, 68, 78), which is operable between the second and third hinge members (28, 30) to provide at least a first and a second position of the hinge arrangement. A portion (45) of the third hinge member being furthest away from the connection to the second hinge member has a larger distance to the second hinge member in the second position than in the first position of the hinge arrangement. The positioning member is adapted to restrict relative movement between the second and third hinge members, such that in the second position of the hinge arrangement, the positioning member is adapted to prevent the second and third hinge members from moving closer to each other. The invention further relates to a vehicle comprising such a hinge arrangement and a method for mounting a windscreen (20) in the vehicle.

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DE 102005008633 A1 20060831 - VOLKSWAGEN AG [DE]

Citation (search report)
• [XAYI] EP 0716201 A1 19960612 - DAIMLER BENZ AG [DE]
• [IY] US 4727621 A 19880301 - EMERY DONALD D [US], et al
• [IDAY] DE 102005008633 A1 20060831 - VOLKSWAGEN AG [DE]
• [IA] US 2005125953 A1 20050616 - HOFFMAN LAWRENCE A [US]
• [YA] EP 1319561 A1 20030618 - PEUGEOT CITROEN AUTOMOBILES SA [FR]

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