

Title (en)
BATTERY TRAY BOTTOM FOR ELECTRIC VEHICLES

Title (de)
BATTERIEFACHBODEN FÜR ELEKTROFAHRZEUGE

Title (fr)
FOND DE BAC BATTERIES POUR VEHICULES ELECTRIQUES

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Application
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Abstract (en)
[origin: CA3192562A1] The invention relates to battery trays for electric or hybrid vehicles. The bottoms of the battery trays are made of a thin sheet of aluminum alloy having a modulus of elasticity higher than 77 GPa in order to optimize thickness thereof while ensuring resistance to intrusion. The invention also relates to a thin sheet of 4xxx series aluminum alloy whose modulus is higher than 77 GPa and whose yield strength Rp0.2 is higher than 295 MPa.

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Citation (search report)
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