

Title (en)

Vehicle clamping and support apparatus.

Title (de)

Fahrzeugaufspann und -abstützvorrichtung.

Title (fr)

Appareil de fixation et de support pour véhicule.

Publication

EP 0163754 A1 19851211 (EN)

Application

EP 84106506 A 19840607

Priority

EP 84106506 A 19840607

Abstract (en)

A clamping device (10), comprises a clamping means (16, 17) disposed towards an upper end of the device for clamping to a vehicle body and a securing means (11, 14, 15, 20, 42, 44) disposed towards a lower end of the device for releasably securing first and second transverse support members (21, 23). The device is clamped to a vehicle body and supports the vehicle body in a fixed position above the transverse support members (21, 23). Vehicle clamping and support apparatus includes four such clamping devices (10). One pair of clamping devices is clamped to opposite rear undersides of the vehicle body. The other pair of clamping devices is clamped to opposite, front undersides of the vehicle body. First and second support members (21) are then slideably positioned along the lateral undersides of the vehicle by slideably engaging the support members with the clamping devices clamped along each side of the vehicle. Third and fourth (23) support members slideably engage the front and rear clamping device pairs respectively, transversely to the first and second support members (21). The support members (21, 23) are secured to the clamping devices (10), to provide a rigid framework for supporting the vehicle which facilitates collision repair work on the vehicle.

IPC 1-7

B60S 5/00

IPC 8 full level

B21D 1/14 (2006.01)

CPC (source: EP)

B21D 1/14 (2013.01); **B21D 1/145** (2013.01)

Citation (search report)

- [A] DE 2718241 A1 19781102 - VOLKSWAGENWERK AG
- [A] DE 2745807 A1 19790419 - CELETTE GMBH
- [A] DE 2834277 A1 19800221 - APPLIED POWER INC
- [A] US 3921433 A 19751125 - WHITNEY WALTER D

Cited by

AU568988B2; CN114570559A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0163754 A1 19851211; **EP 0163754 B1 19881228**; AT E39446 T1 19890115; DE 3475764 D1 19890202

DOCDB simple family (application)

EP 84106506 A 19840607; AT 84106506 T 19840607; DE 3475764 T 19840607