

Title (en)

A DEVICE FOR CLAMPING A VEHICLE TO A BENCH ATTACHMENT

Title (de)

VORRICHTUNG ZUM VERBINDEN EINES FAHRZEUGS AUF EINER RICHTBANK

Title (fr)

DISPOSITIF DE FIXATION D'UN VEHICULE A UN MARBRE

Publication

EP 1085950 A1 20010328 (EN)

Application

EP 99930019 A 19990526

Priority

- SE 9900891 W 19990526
- SE 9802038 A 19980609

Abstract (en)

[origin: WO9964179A1] An arrangement for use in clamping a vehicle to a straightening bench. The arrangement includes a support arm (6) whose one leg is provided with means for fitting the arm into a mounting groove (3) that extends along the sides of said bench. The other leg of the arm is intended to support clamping means for clamping a vehicle chassis to the arm. The means for fitting one leg of the support arm (6) in the mounting groove of the straightening bench include two mounting jaws (12, 15). A first (12) of these jaws is fixed to the arm (6) and intended to grip behind a flange (5) along one edge of the groove (3). The other jaw (15) is moveable relative to the first jaw and displaceable towards said jaw while overcoming a spring force (17) and is intended to grip behind a flange (4) along the other edge of the groove (3). The arm can therewith be fitted into the groove by swinging the arm upwards (A) when the lower jaw (12) rests in the lower part of the mounting groove (3).

IPC 1-7

B21D 1/12

IPC 8 full level

B21D 1/14 (2006.01)

CPC (source: EP)

B21D 1/145 (2013.01)

Citation (search report)

See references of WO 9964179A1

Cited by

US7943616B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9964179 A1 19991216; CN 1163320 C 20040825; CN 1304341 A 20010718; DE 69907670 D1 20030612; DE 69907670 T2 20040325; EP 1085950 A1 20010328; EP 1085950 B1 20030507; SE 510289 C2 19990510; SE 9802038 D0 19980609; SE 9802038 L 19990510

DOCDB simple family (application)

SE 9900891 W 19990526; CN 99807094 A 19990526; DE 69907670 T 19990526; EP 99930019 A 19990526; SE 9802038 A 19980609