

Title (en)

DEVICE FOR STRAIGHTENING THE BODY AND/OR STRUCTURES OF A DAMAGED MOTOR VEHICLE

Title (de)

VORRICHTUNG ZUM RICHTEN DER KAROSSERIE UND/ODER DIE STRUKTUREN UNFALLBESCHÄDIGTER KRAFTFAHRZEUGE

Title (fr)

DISPOSITIF POUR REDRESSER LA CARROSSERIE ET/OU LES STRUCTURES D'UN VEHICULE AUTOMOBILE ACCIDENTE

Publication

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Application

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Abstract (en)

[origin: US2004000185A1] The invention concerns a device for straightening the body and the structures of a damaged vehicle, comprising: a master cylinder (CE) filled with hydraulic fluid, wherein moves a master piston (PE) under the action of a rotary member actuated by a motor; a slave cylinder (CR), connected to the master cylinder through a flexible conduit (F) extending from said master cylinder, and designed to be connected by some means to the body or to the structure to be straightened, said slave cylinder receiving a slave piston (PR), driven in translation inside the slave cylinder under the action of the hydraulic fluid, so as to be urged to strike the neighbourhood of the end (FA) of said slave cylinder connected to the body or to the structure, by being subjected to a return force tending to bring it back to its initial position.

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