

Title (en)
STEERING COLUMN SYSTEM FOR MOTOR VEHICLES WITH AN ENERGY-ABSORBING ELEMENT

Title (de)
LENKSÄULENANORDNUNG FÜR KRAFTFAHRZEUGE MIT ENERGIEABSORPTIONSELEMENT

Title (fr)
ENSEMBLE COLONNE DE DIRECTION AVEC ELEMENT D'ABSORPTION D'ENERGIE

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Abstract (en)
[origin: WO9903716A1] The invention relates to a tubular energy-absorbing element (6) made of a plastic material, preferably a fiber reinforced plastic material, which is directly arranged on part of a first steering column jacket section (1), can be displaced axially in a second steering column jacket section (2) and is destroyed when brought together at a defined and constant retention force in case of a crash. The energy-absorbing element can be used as safety steering columns in steering column systems in motor vehicles. The system is compact and economical and provides enhanced operational safety for the motor vehicle driver.

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