

Title (en)

METHOD FOR PRODUCING AN AUTOMOBILE IMPACT-ABSORBING COMPONENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES STOSSABSORBIERENDEN KRAFTFAHRZEUGBAUTEILS

Title (fr)

PROCEDE DE FABRICATION D'UN COMPOSANT D'AUTOMOBILE ABSORBANT LES CHOCS

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Application

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Abstract (en)

[origin: DE19715308A1] The invention relates to a method for producing a component designed to transform impact energy in a motor vehicle, wherein a starting material which is initially heated to forming temperature is shaped in the form of a profiled bar, which is then divided into impact-absorbing elements (3) as required. This procedure enables rational and economical production of the impact-absorbing elements (3). Practically all desired geometrical designs for an impact-absorbing element (3) can be realized depending on specific vehicle requirements. Connecting holes (5) to fix the impact-absorbing element (3) to the vehicle are produced during pressing. The impact-absorbing element (3) has hollow cavities (7, 8) and inner braces (11, 12), thereby enabling considerable weight reduction while preserving functional impact-absorbing capacity of the impact-absorbing element (3).

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