

ABSTRACT

The invention describes segmented production of motor vehicles, especially mass-produced front-engined vehicles, in two main body parts joined by a suitable production technique. To this end the semifinished body is pre-assembled in the form of two main body parts (front structure (1), rear structure (2)), the main parts (front structure (1), rear structure (2)) are independently equipped with the associated components, the mainly engineering components (engine, transmission, subsidiary units and the like) being installed in one main body part (front structure (1)) and the mainly decorative components (seats, coverings, carpet and the like) being installed in the other main part (rear structure (2)) and after the main body parts (front structure (1), rear structure (2)) have been at least substantially completed, they are brought together and rigidly joined.

The main driving and operating engineering parts are concentrated in the front structure (1), whereas the rear structure (2) contains the remaining body and attachment parts in the end finish. The segmentation occurs near the middle of the body. Existing assembly tools can be used. No far-reaching alterations need be made in the vehicle styling and the segments can be joined by existing methods.

After the front structure (1) and the rear structure (2) have been joined, the parts painted in the colour of the vehicle and forming the end finish of the front part, e.g. the mudguard (3), the bonnet (4), the front doors (5), the bumper (6) and the

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radiator grille (7) are attached.

Figures 1 and 2.

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