樹脂プラケット同時成形 ケナフ基材

Simultaneous Molding of Kenaf Base Material with Resin Bracket

Vehicle: LEXUS GS

目的(狙い)

Objective (Aim)

ケナフ基材(プレス工法)と樹脂ブラケット※(射出成形工法) を同時成形 ⇒ 生産効率アップ、ブラケット小型化(軽量化)

Simultaneous molding of the Kenaf Base Material (Stamping) and resin bracket (Injection) > Leads to increases in production efficiency and downsizing of the bracket (Reduction in mass)

※裏面構造物 ※Underside of structure

技術的達成方策 Technical Strategy

3工程を1工程に集約 Combine 3 processes into 1

【従来工法】Current method 基材成形(プレス成形)

Base Material molding (Stamping)



樹脂成形(射出成形) Resin molding (Injection)



部品取り付け(接着)

Attaching parts (Adhesion)

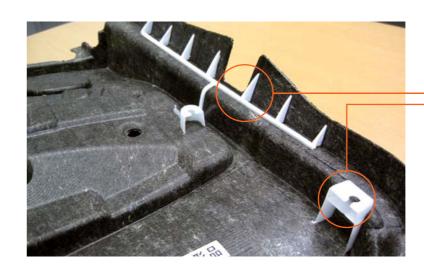


【新工法】New method

基材成形(プレス成形)

& 樹脂成形(射出成形)

Base Material molding (Stamping) & resin molding (Injection)



樹脂ブラケット (裏面構造物)

Resin bracket (underside of structure)

効果

Results

①軽量化(ブラケット小型化&接着剤レス)

Mass reduction (downsizing the bracket & eliminating adhesion)

②生産効率アップ

Increased production efficiency