

Title (en)

METHOD FOR PRODUCING A PLASTIC/METAL COMPOSITE PART

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KUNSTSTOFF-METALL-VERBUNDBAUTEILS

Title (fr)

PROCEDE POUR PRODUIRE UNE PIECE COMPOSITE MATIERE PLASTIQUE/METAL

Publication

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Application

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Priority

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Abstract (en)

[origin: US2005001354A1] A process for preparing a composite hollow body article by means of injection molding is disclosed. The process includes the steps of: (a) providing a hollow body (2) having exterior surfaces (10) and interior surfaces (14), the interior surfaces (14) of the hollow body (2) defining a hollow interior (17), the hollow body (2) also having at least one opening (4, 4') which provides fluid communication with the hollow interior (17) thereof, (b) introducing a substantially incompressible fluid (23) into the hollow interior (17) of the hollow body (2), the hollow interior (17) being substantially filled with the substantially incompressible fluid (23); and (c) injection molding thermoplastic material (3, 3', 3'') onto at least a portion of the exterior surfaces (10) of the hollow body (2).

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