

Title (en)

Light weight component comprising a metal foam and process and apparatus for manufacturing same

Title (de)

Metallschaum enthaltender Leichtbauteil, sowie Verfahren und Vorrichtung zu dessen Herstellung

Title (fr)

Élément de construction allégé comprenant une mousse métallique ainsi que procédé et installation pour sa fabrication

Publication

EP 1354651 B1 20080730 (DE)

Application

EP 03450095 A 20030417

Priority

AT 6102002 A 20020419

Abstract (en)

[origin: EP1354651A2] Lightweight component consists of partially closed metallic outer wall body (12) and an inner region (13) made from a metallic foam. The inner region is formed as a core part (10) in the bearing region on the outer wall body with a core surface layer (14) and a core inner part (15). A cast metal layer having an interlocking and/or metallic connection surrounds the core part as an outer wall body. An Independent claim is also included for a process for the production of a lightweight component.

IPC 8 full level

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CPC (source: EP NO US)

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Cited by

EP1419835A1; US8435644B2; WO2008006122A1; WO2008034436A1; US7144636B2; US7959852B2

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