

Title (en)
HOLLOW COMPOSITE ARTICLE AND PROCESS FOR THE MANUFACTURE THEREOF

Publication
EP 0019569 B1 19821124 (FR)

Application
EP 80420061 A 19800514

Priority
FR 7913289 A 19790516

Abstract (en)
[origin: US4297777A] A method for the production of a composite hollow body formed of aluminum alloys and composed of two layers having differing structure. One layer of the hollow body is intended to operate in contact with a mobile surface and is produced by extruding a mixture of particles of a hypereutectic silicon alloy having fine grains and an addition product. The other layer is selected from among alloys having certain particular properties and has the structure of a cast and wrought product. The present method particularly consists of the step of joining the two layers by coextrusion on a mandrel in an inverse extrusion press. The composite hollow bodies so produced are used in the production of linings for internal combustion engines or for jacks.

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IPC 8 full level
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CPC (source: EP US)
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Cited by
EP0133144A1; FR2549493A1; EP1384539A1; FR2842828A1; EP0328898A1; US4921664A; CH675089A5; US7749342B2; WO2004011687A3

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