

Title (en)

Process for the manufacture of articles by the thermoforming of aluminium or magnesium or of aluminium or magnesium base alloys.

Title (de)

Verfahren zum Herstellen von Gegenständen aus Aluminium, Magnesium oder Legierungen auf Aluminium- oder Magnesiumbasis durch Warmverformung.

Title (fr)

Procédé de fabrication par thermoformage de pièces en aluminium ou magnésium ou en alliages à base d'aluminium ou de magnésium.

Publication

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Application

EP 78420003 A 19780726

Priority

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- FR 7734521 A 19771110

Abstract (en)

[origin: ES472930A1] A process for producing thermoformed articles from thin-walled blanks composed of aluminum or magnesium alloys, the present invention particularly provides for forming a layer of alumina or magnesia on the surfaces of the respective aluminum or magnesium blank. The alumina or magnesia layers so formed are artificially formed in order to obtain desired thicknesses, the regular layers allowing ready removal of the articles from thermoforming molds. The present process is particularly intended for the production of thin-wall packaging members and motor vehicle components.

Abstract (fr)

Ce procédé consiste à thermoformer dans des moules (1) des ébauches (2) à paroi mince. Les problèmes de démoulage sont résolus grâce à une couche régulière d'alumine ou magnésie formée artificiellement à la surface de l'ébauche. Ce procédé trouvera ses principales applications dans les fabrications d'emballages à parois minces ainsi que celles de pièces pour l'automobile.

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IPC 8 full level

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Citation (search report)

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