

Title (en)

Process of manufacturing a metallic adhesive layer on a cast piece

Title (de)

Verfahren zur Herstellung einer metallischen Haftvermittlungsschicht auf einem Umgusskörper

Title (fr)

Procédé de fabrication d'une couche métallique d'adhésion sur une pièce coulée

Publication

EP 1688517 A1 20060809 (DE)

Application

EP 05111061 A 20051122

Priority

DE 102005005209 A 20050203

Abstract (en)

A method for the production of a metallic bonding layer (4) on the surface of a casting (2) (especially a cast iron cylinder liner) which is to be sealed into a light metal casting (especially a cylinder block), in which the layer (4) is formed by electroplating with light metal and then subjected to a homogenising (annealing) process. An independent claim is also included for castings with a sealed-in lining obtained by this method.

IPC 8 full level

C25D 5/50 (2006.01); **B22D 19/00** (2006.01); **C25D 3/44** (2006.01)

CPC (source: EP)

B22D 19/0009 (2013.01); **B22D 19/0081** (2013.01); **C25D 3/44** (2013.01); **C25D 5/50** (2013.01)

Citation (applicant)

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Citation (search report)

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- [X] US 3892637 A 19750701 - POLTI JEAN-LOUP
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