

Title (en)

WORK PIECES MADE OF ALUMINIUM OR ITS ALLOYS, AND OF WHICH AT LEAST ONE FACE PRESENTS AT LEAST ONE ZONE REGION RESISTANT TO WEAR

Publication

EP 0237448 B1 19890524 (FR)

Application

EP 87420053 A 19870223

Priority

FR 8603304 A 19860225

Abstract (en)

[origin: US4750945A] Castings made from aluminum and its alloys have at least one face including at least one region of wear-resistant zones. These castings are formed by a controlled distribution of zones hardened by local melting effect. The zones, no matter what their length and shape, have a width and depth between 3 and 150 μ m and the surface fraction or percentage of the zones for the wear-resistant region is between 5 and 60%.

IPC 1-7

C22F 3/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1921177A3; EP0846515A1; WO2008019721A1; WO2005040445A1

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