

Title (en)
PROCESS FOR PRODUCING ALUMINUM-BASED METAL COMPOSITE, ALUMINUM-BASED COMPOSITE OBTAINED BY USING THE SAME,
AND ALUMINUM-BASED STRUCTURE HAVING THE ALUMINUM-BASED COMPOSITE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON METALLVERBUNDWERKSTOFF AUF ALUMINIUMBASIS, VERBUNDWERKSTOFF AUF
ALUMINIUMBASIS, DER DAMIT ERHALTEN WIRD UND STRUKTUR AUF ALUMINIUMBASIS, DIE DEN VERBUNDWERKSTOFF AUF
ALUMINIUMBASIS AUFWEIST

Title (fr)
PROCÉDÉ DE PRODUCTION DE COMPOSITE MÉTALLIQUE À BASE D'ALUMINIUM, COMPOSITE À BASE D'ALUMINIUM OBTENU À L'AIDE
DE CELUI-CI ET STRUCTURE À BASE D'ALUMINIUM CONTENANT CE COMPOSITE À BASE D'ALUMINIUM

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Application
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Priority
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Abstract (en)
[origin: EP3321383A1] An process for producing aluminum-based metal composite, an aluminum-based composite obtained by using the same, and
an aluminum-based structure having the said aluminum-based composite are provided. The aluminum-based metal treating method applies borax
on the surface of an aluminum-based metal and heats such metal to a temperature over the melting point of borax. The aluminum-based composite
includes aluminum in the range of 7 to 9 atomic%, sodium in the range of 11 to 13 atomic%, and oxygen in the range of 79 to 81 atomic%. The
aluminum-based structure includes an aluminum-based substrate formed by an aluminum-based metal and an aluminum-based composite disposed
in the aluminum based substrate.

IPC 8 full level
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CPC (source: EP)
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