

Title (en)

ALUMINIUM-WETTABLE CARBON-BASED BODY

Title (de)

ALUMINIUMBENETZBARER KÖRPER AUF KOHLENSTOFFBASIS

Title (fr)

CORPS A BASE DE CARBONE APTE A ETRE MOUILLE PAR L'ALUMINIUM

Publication

EP 1623055 A2 20060208 (EN)

Application

EP 04727661 A 20040415

Priority

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Abstract (en)

[origin: US2006289300A1] A carbon body has an aluminium-wettable outer part that is made of a carbon-rich mixture containing aluminium-reactable metal-based particles and carbon. The metal-based particles are made of metal oxide particles and/or partly oxidised metal particles. The metal of the metalbased particles is selected from iron, copper, cobalt, nickel, zinc and manganese. The carbon body can be used in an aluminium electrowinning cell, e.g. as a cathode, or in an apparatus for treating molten aluminium and is wetted by molten aluminium during use.

IPC 1-7

C25C 3/08

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2004092449A2

Cited by

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