

Title (en)

LEAD-ACID BATTERY DESIGN HAVING VERSATILE FORM FACTOR

Title (de)

ENTWURF FÜR EINE BLEI-SÄURE-BATTERIE MIT VIELSEITIGEM FORMFAKTOR

Title (fr)

CONCEPTION DE BATTERIE ACIDE-PLOMB AYANT UN FACTEUR DE FORME POLYVALENT

Publication

EP 2803097 A1 20141119 (EN)

Application

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Abstract (en)

[origin: WO2013106419A1] An improved substrate is disclosed for an electrode of an electrochemical cell. The improved substrate includes a core material surrounded by a coating. The coating is amorphous such that the coating includes substantially no grain boundaries. The core material may be one of lead, fiber glass, and titanium. The coating may be one of lead, lead-dioxide, titanium nitride, and titanium dioxide, Further, an intermediate adhesion promoter surrounds the core material to enhance adhesion between the coating and the core material.

IPC 8 full level

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