

Title (en)

PROCESS FOR THE POST TREATMENT OF ALUMINIUM OXIDE LAYERS WITH AQUEOUS SOLUTIONS CONTAINING ALKALISILICIDE, AND ITS USE IN THE MANUFACTURE OF OFFSET PRINTING PLATEN SUPPORTS

Publication

**EP 0095581 A3 19860806 (DE)**

Application

**EP 83104145 A 19830428**

Priority

DE 3219922 A 19820527

Abstract (en)

[origin: EP0095581A2] 1. Process for manufacturing materials in the form of sheets, foils or strips, based on chemically, mechanically and/or electrochemically roughened and anodically oxidized aluminum or an alloy thereof, the aluminum oxide layers of which are post-treated with an aqueous alkali metal silicate solution, wherein post-treating is carried out with an aqueous alkali metal silicate solution which additionally comprises at least one aliphatic monobasic, dibasic or tribasic hydroxycarboxylic acid, an aliphatic dicarboxylic acid or a water-soluble salt of these acids.

IPC 1-7

**C25D 11/24**; **C25D 11/20**; **C25D 11/08**; **C25F 3/04**; **B41N 1/08**

IPC 8 full level

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CPC (source: EP)

**B41N 3/034** (2013.01); **C25D 11/20** (2013.01); **C25D 11/246** (2013.01)

Citation (search report)

- [A] US 3376205 A 19680402 - COHN CHARLES C
- [A] FR 2163603 A1 19730727 - HENKEL & CIE GMBH

Cited by

CN103276431A; GB2139646A; EP0154201A1; EP0154200A1; US4689272A

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DOCDB simple family (publication)

**EP 0095581 A2 19831207**; **EP 0095581 A3 19860806**; **EP 0095581 B1 19880615**; CA 1225613 A 19870818; DE 3219922 A1 19831201; DE 3377069 D1 19880721; JP H0365440 B2 19911011; JP S58213894 A 19831212

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**EP 83104145 A 19830428**; CA 428489 A 19830519; DE 3219922 A 19820527; DE 3377069 T 19830428; JP 9013983 A 19830524