

Title (en)

SHORT DURATION HOT SEAL FOR ANODISED METAL SURFACES

Title (de)

KURZZEIT-HEISSVERDICHTUNG ANODISIERTER METALLOBERFLÄCHEN

Title (fr)

COLMATAGE A CHAUD, DE COURTE DUREE, DE SURFACES METALLIQUES ANODISEES

Publication

**EP 0857227 B1 20000126 (DE)**

Application

**EP 96934587 A 19961009**

Priority

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- EP 9604373 W 19961009

Abstract (en)

[origin: WO9714828A1] The process for sealing anodised metal surfaces is characterised in that the anodised metal is brought into contact with an aqueous solution for a duration equivalent to 0.5-2 minutes per micron of anodised layer thickness. The solution has a temperature of between 75 DEG C and its boiling point and a pH value of between 5.5 and 8.5. It contains a) between 0.0001 and 5 g/l of one or more alkali metal and/or alkaline earth metal ions, and b) between 0.0005 and 0.5 g/l of one or more organic acids selected from the group comprising cyclic polycarboxylic acids with 3-6 carboxyl groups and/or phosphonic acids and/or polyphosphinocarboxylic acids, there being more metal ions of group a) than is required to ensure complete neutralisation of the group b) acids.

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**C25D 11/24**

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