

Title (en)

LITHIUM AND VANADIUM CONTAINING SEALING COMPOSITION AND PROCESS THEREWITH

Title (de)

LITHIUM UND VANADIUM ENTHALTENDE DICHTUNGS-ZUSAMMENSETZUNG UND ENTSPRECHENDES VERFAHREN

Title (fr)

COMPOSITION D'ETANCHEITE RENFERMANT DU LITHIUM ET DU VANADIUM ET PROCEDE CORRESPONDANT

Publication

**EP 1009867 A4 20000809 (EN)**

Application

**EP 98921044 A 19980515**

Priority

- US 9809374 W 19980515
- US 4668297 P 19970516

Abstract (en)

[origin: WO9851841A1] The corrosion resistance of an article having a surface with a primary inorganic coating, such as a conversion coating, over a metal substrate can be improved by treatment of the primary coating with an aqueous liquid sealing composition comprising lithium cations and vanadate anions. This treatment is particularly advantageous for primary coatings formed on aluminum alloys by treating them with a conversion coating forming aqueous composition made by reacting cobalt(II) cations, acetate ions, hydroxyalkyl amines, and peroxides in aqueous solution.

IPC 1-7

**C23F 11/00**; **C23F 11/18**; **C23C 22/34**; **C23C 22/40**; **C23C 22/68**; **C23C 22/83**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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- [Y] WO 9629448 A1 19960926 - HENKEL CORP [US]
- [Y] DE 19511573 A1 19961002 - HENKEL KGAA [DE]
- [A] WO 9605335 A1 19960222 - BOEING CO [US]
- [A] WO 9621753 A1 19960718 - HENKEL CORP [US], et al
- [A] EP 0488430 A2 19920603 - BOEING CO [US]
- See references of WO 9851841A1

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DOCDB simple family (application)

**US 9809374 W 19980515**; AU 7373498 A 19980515; BR 9809639 A 19980515; CA 2290495 A 19980515; CN 98806298 A 19980515; EP 98921044 A 19980515; JP 53993498 A 19980515; KR 19997010619 A 19991116; NZ 50168098 A 19980515; TR 9902799 T 19980515; ZA 983867 A 19980507