

Title (en)

Vapor phase corrosion inhibitor-desiccant material.

Title (de)

Dampfphasenkorrosioninhibierendes und trocknendes Material.

Title (fr)

Matériau inhibiteur de la corrosion en phase vapeur et dessiccatif.

Publication

EP 0662527 A1 19950712 (EN)

Application

EP 94300188 A 19940111

Priority

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Abstract (en)

A vapor phase corrosion inhibitor-desiccant composite comprising silica gel granules coated with a vapor phase corrosion inhibitor component. The corrosion inhibitor component is selected from a formulation comprising anhydrous molybdates such as ammonium dimolybdate, sodium molybdate and amine molybdates mixed with benzotriazole and sodium nitrate, or from a formulation comprising amine benzoates, amine nitrates and benzotriazole. The composites can be impregnated into foam, extruded with polyolefin films which can additionally be laminated with metallized second film, or encapsulated in an air-permeable container. The corrosion inhibitor formulations have vapor pressures which provide ongoing corrosion protection for susceptible articles situated favorably with respect to the composite. <IMAGE>

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C23F 11/02; B65D 81/26

IPC 8 full level

C23F 11/02 (2006.01)

CPC (source: EP)

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Citation (search report)

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