

Title (en)
Corrosion protection apparatus.

Title (de)
Korrosionsschutzapparat.

Title (fr)
Appareil de protection contre la corrosion.

Publication
EP 0213874 A2 19870311 (EN)

Application
EP 86306401 A 19860819

Priority
US 76755585 A 19850820

Abstract (en)
An apparatus for protecting a substrate includes a collapsible reservoir filled with a three-dimensional elastic gel which is relatively soft and has an ultimate elongation of at least 200%. The apparatus is disposed in contact with a substrate having a recess therein to be environmentally protected, and a force is applied to the reservoir to at least partially collapse the reservoir forcing the gel from an open surface of the reservoir into the recess so as to substantially fill and encapsulate the recess.

IPC 1-7
H01R 4/70; **H01R 9/16**

IPC 8 full level
C09K 3/10 (2006.01); **C23F 15/00** (2006.01); **H01R 4/70** (2006.01); **H01R 9/16** (2006.01); **H01R 13/52** (2006.01); **H01R 13/533** (2006.01); **H04M 1/00** (2006.01); **H04M 1/738** (2006.01)

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H01R 4/70 (2013.01); **H01R 13/5216** (2013.01)

Cited by
EP0771052A3; EP0457453A3; US5952612A; US5246383A; US5562491A; US5195125A; US5598455A; US5376019A; US5427547A; US5601460A; US6971897B1

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