

Title (en)

A moisture seal for an electrical connector.

Title (de)

Feuchtigkeitsdichtung für einen elektrischen Verbinder.

Title (fr)

Dispositif d'étanchéité à l'humidité pour un connecteur électrique.

Publication

EP 0115229 A2 19840808 (EN)

Application

EP 83402431 A 19831215

Priority

US 45308882 A 19821227

Abstract (en)

A moisture seal comprising an operating sleeve (50) circumposed about a plurality of arcuate threaded coupling segments (30) so assembled within the sleeve to form a closed coupling sleeve, the segments and operating sleeve having mating tapered surfaces (34, 54) and the arcuate segments (30) each having angularly spaced longitudinally extending sidewalls (35, 37), a spring (42) biasing the operating sleeve (50) so that mating surfaces (34, 54) and sidewalls of adjacent segments are contacting in a first position for sealing and allowing the operating sleeve to move rearwardly due to an external force and the segments (30) to move radially outward relative to an interior wall (52) of the operating sleeve for uncoupling, the segments being of a rigid material.

IPC 1-7

H01R 13/633; H01R 13/52; H01R 13/621

IPC 8 full level

H01R 13/52 (2006.01); **H01R 13/635** (2006.01); **H01R 13/621** (2006.01)

CPC (source: EP)

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