

Title (en)
SEALING ELEMENT AND METHOD OF MAKING SAME.

Title (de)
DICHTUNGSELEMENT UND DESSEN HERSTELLUNG.

Title (fr)
ORGANE D'ETANCHEITE ET SON PROCEDE DE FABRICATION.

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Application
EP 86903754 A 19860502

Priority
US 73040885 A 19850502

Abstract (en)
[origin: WO8606316A1] A sealing element comprising a mold (7) with a hollow cylindrical configuration having therein a polymeric gel with a cone penetration value of about 30 to about 400 (10<-1> mm) and an elongation of from about 25% to about 850% and at least one cylindrical mandrel (2) positioned in the mold (7) such that the polymeric gel has one or more holes extending at least partially therethrough. The mold (7) and mandrels (2) are made of a material having a flexural modulus of at least about 4 x 10<3> psi that is substantially incompatible with the polymeric gel, is dimensionally stable at the temperature the polymeric gel was formed, and has a release rate of at least 0.02 in/sec on 180<o> peeling. A method of making a sealing element is also disclosed.

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Citation (search report)
• [XP] EP 0174165 A1 19860312 - RAYCHEM CORP [US]
• [A] EP 0108518 A2 19840516 - RAYCHEM CORP [US]
• See references of WO 8606316A1

Cited by
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