

Title (en)
MECHANICALLY EXTENSIBLE SUBSTRATES

Title (de)
MECHANISCH DEHNBARE SUBSTRATE

Title (fr)
SUBSTRAT MECANIQUEMENT EXTENSIBLES

Publication
EP 1749124 A2 20070207 (EN)

Application
EP 05754999 A 20050525

Priority
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Abstract (en)
[origin: US2005268442A1] The present invention is directed to mechanically extensible substrates, and more specifically relates to engineered substrates that exhibit functionality upon application of an external force, which in turn actuates the substrate, optionally releasing an underlying functional agent that assists a specific task or exposing an underlying layer. In accordance with the present invention, the mechanically extensible substrates exhibit a degree of controlled regional disentanglement, an expandable and retractable valve system, a limited degree of rupture, or a combination thereof.

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