

Title (en)
PACKAGE FOR LIQUIDS

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Application
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Priority

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- SE 8503653 A 19850731

Abstract (en)

[origin: ES8704390A1] Described is a pack comprising a carrier material such as for example cardboard, which is coated with a thermoplastic material, for liquids, comprising a tube with a bottom and a cover which has a pouring spout, in the sealing region of which are disposed, beside sealing areas with a high adhesive force, sealing areas with a low adhesive force for the purpose of peeling the sealing areas apart. In order not to be dependent on agents which impair the sealing effect and on the disposition thereof on certain regions in the cover, and in order for the tooling to be simplified, the invention provides that the sealing area (40') with a low adhesive force is formed by a pattern of raised surfaces (6) which alternate with areas (5) disposed therebeside and at a lower level. In the apparatus, there is provided an impressing roller with counter-pressure roller, wherein a line, disposed on the web of pack material, of successively disposed sealing areas can be passed through between the rollers, in the direction of movement of the web.

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Cited by
US4946041A; AT413207B; EP0243598A3; US5242701A; US5421512A; AP107A; EP4063285A4; LT3815B; LT3849B; WO9425352A3

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