

Title (en)
PACKAGING METHOD

Title (de)
VERPACKUNGSVERFAHREN

Title (fr)
PROCEDE D'EMBALLAGE

Publication
EP 1678037 A1 20060712 (DE)

Application
EP 04765560 A 20040924

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Abstract (en)
[origin: US7469519B2] A process for producing a substance with a water-soluble packaging. The process comprises the following steps: a) a water-soluble material is deformed so as to embody a vessel; b) the vessel is filled with a filling material selected among the group comprising detergents, cosmetics, pharmaceuticals, body care products, auxiliary agricultural agents, adhesives, surface-treating agents, construction materials, dyes or food items; c) a water-soluble film web is applied to the filled container; d) the filled container and film web are sealed; and e) the sealed and filled container is finished. The inventive methods are characterized in that a negative pressure is generated in the filled container in the course of the process. In order to generate the negative pressure, the air located between the filling material and the water-soluble film web applied in step c) escapes at least in part through openings in the water-soluble film web applied in step c). The inventive methods make it possible to produce compact dosing units that have a reduced volume while being provided with improved optical and haptic properties.

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IPC 8 full level
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