

Title (en)

Partitioned package structure for separately containing liquid material and solid material and allowing the liquid material and solid material to be conveniently mixed

Title (de)

Verpackung zum getrennten Aufbewahren von einer Flüssigkeit und einem festen Material, die das Vermengen der Flüssigkeit mit dem festen Material ermöglicht.

Title (fr)

Emballage à partitions pour contenir séparément un matériau liquide et un matériau solide et permettre le mélange du matériau liquide et du matériau solide.

Publication

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Application

EP 06001339 A 20060123

Priority

EP 06001339 A 20060123

Abstract (en)

A partitioned package structure for separately containing liquid material (4) and solid material (3) and allowing the liquid material and solid material to be conveniently mixed. The package structure includes a plastic seat (1) directly recessed to form at least two separate receiving spaces (11,12) and a cover membrane (2) overlaid on the plastic seat (1) to seal the receiving spaces. The liquid material and solid material are respectively contained in the receiving spaces. The receiving space containing the fluid material has a tapered flow way directed to the receiving space containing the solid material. A prior releasable joint (22) section with poorer adhesive strength is disposed at a tip end of the flow way. When squeezing the receiving space containing the fluid material, the prior releasable joint section is broken to extrude the fluid material into the receiving space containing the solid material. The solid material is then soaked in and mixed with the fluid material. Then the cover membrane (2) can be torn off to use the mixture.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

JP 2002012273 A 20020115 - ISHII SANGYO KK

Citation (search report)

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GB2543267A; GB2543267B; US10450117B1; US9044075B2; WO2017060677A1; WO2014209998A1

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