

Title (en)

A disposable package for storing and transporting a liquid or viscous product.

Title (de)

Wegwerfbare Verpackung für die Lagerung oder den Transport von flüssigen oder viskosen Produkten.

Title (fr)

Emballage à jeter pour la conservation et le transport de produits visqueux ou liquides.

Publication

EP 0162417 A2 19851127 (EN)

Application

EP 85106016 A 19850515

Priority

DK 249784 A 19840522

Abstract (en)

A disposable package (1) for storing and transporting a liquid or viscous product such as for instance chocolate concentrate, and for dispensing said product in portions through a dispenser. This package comprises a rigid and load bearing outer cover (2), a flexible and tight bag (3) situated within said cover, and a stub (4) provided with a valve system (5). This valve system includes a cap-shaped body (17) of a flexible material, preferably rubber or plastics, and being connectable to a filling opening (27) in the dispenser (25). After a local cutting up of this body it forms a nozzle (17). The packed product can be dispensed from the inner bag (3) through the nozzle when the package is positioned in the dispenser (25) in such a manner that the nozzle (17) engages the filling opening (27) correctly. The nozzle (17) closes automatically when subjected to atmospheric pressure and opens when subjected to a low pressure in the filling opening (27) of the dispenser (25). Consequently, the product is dispensable in portions and possesses simultaneously a long storability in said package. Furthermore, the disposable package is easier and more hygienic to use in the dispenser than previously known, and the waste at the emptying is minimized.

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IPC 8 full level

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CPC (source: EP)

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Cited by

US6098845A; US6082584A; US6109315A; EP2098462A1; NL2001355C2; US6227410B1; EP0905046A2; US10952562B2; US9730547B2; US9828153B2; US9907432B2; US9994388B2; US10676273B2; US9668606B2; US9723944B2; US10729276B2; US11684200B2

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