

Title (en)

CONTAINERS AND METHODS FOR DISPENSING MULTIPLE DOSES OF A CONCENTRATED LIQUID, AND SHELF STABLE CONCENTRATED LIQUIDS

Title (de)

BEHÄLTER UND VERFAHREN ZUR AUSGABE VON MEHRFACHDOSIERUNGEN EINES FLÜSSIGKEITSKONZENTRATS UND HALTBARE FLÜSSIGKEITSKONZENTRATE

Title (fr)

RÉCIPIENTS ET PROCÉDÉS DE DISTRIBUTION DE DOSES MULTIPLES D'UN LIQUIDE CONCENTRÉ, ET LIQUIDES CONCENTRÉS STABLES À LA CONSERVATION

Publication

EP 2475584 A2 20120718 (EN)

Application

EP 10757668 A 20100910

Priority

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- US 32015510 P 20100401
- US 32021810 P 20100401
- US 37417810 P 20100816
- US 2010048449 W 20100910

Abstract (en)

[origin: WO2011031985A2] Containers and methods are provided for dispensing a liquid concentrate utilizing one or more desirable properties including a generally consistent discharge across a range of squeeze forces, a generally consistent discharge with the same force without significant dependence on the amount of liquid concentrate in the container, a substantially dripless or leak proof outlet opening, a jet that minimizes splashing when the liquid concentrate impacts a target liquid, and a jet that maximizes mixing between the liquid concentrate and the target liquid to produce a generally homogenous mixture without the use of extraneous utensils or shaking. Also provided are liquid beverage concentrates that can be cold filled during packaging, while maintaining shelf stability for at least twelve months at ambient temperatures. Concentrate can have a combination of low pH and high alcohol content such as a pH less than 3.5 and alcohol content great than 5 percent by weight.

IPC 8 full level

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CPC (source: CN EP KR RU US)

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Citation (search report)

See references of WO 2011031985A2

Citation (examination)

- WO 2006102435 A2 20060928 - WATER SENSATIONS INC [US], et al
- US 2977231 A 19610328 - FOX IRVING [US], et al

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