

Title (en)
A SYSTEM AND METHOD FOR PROVIDING A SELF COOLING CONTAINER

Title (de)
SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG EINES SELBSTKÜHLENDEN BEHÄLTERS

Title (fr)
SYSTÈME ET PROCÉDÉ POUR RÉALISATION D'UN CONTENANT AUTO-RÉFRIGÉRANT

Publication
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Application
EP 09795379 A 20091209

Priority

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- EP 09170226 A 20090914
- EP 09795379 A 20091209

Abstract (en)
[origin: WO2010066772A1] The present invention relates to a container for storing a beverage, the container having a container body and a closure and defining an inner chamber, the inner chamber defining an inner volume and including a specific volume of the beverage. The container further includes a cooling device having a housing defining a housing volume. The cooling device includes at least two separate, substantially non-toxic reactants causing an entropy-increasing reaction producing substantially non-toxic products in a stoichiometric number. The at least two separate substantially non-toxic reactants initially being included in the cooling device are separated from one another and causing an entropy-increasing reaction and a heat reduction of the beverage of at least 50 Joules/ml beverage. The cooling device further includes an actuator for initiating the reaction between the at least two separate, substantially non-toxic reactants

IPC 8 full level
F25D 5/02 (2006.01)

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F25D 5/02 (2013.01 - EP US); **F25D 2331/805** (2013.01 - EP US)

Citation (search report)
See references of WO 2010066772A1

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US 4993237 A 19910219 - BOND JAMES R [CA], et al

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