

Title (en)

A SELF COOLING CONTAINER AND A COOLING DEVICE

Title (de)

SELBSTKÜHLENDER BEHÄLTER UND KÜHLVORRICHTUNG

Title (fr)

RÉCIPIENT À REFROIDISSEMENT AUTOMATIQUE ET DISPOSITIF DE REFROIDISSEMENT

Publication

**EP 2583039 A2 20130424 (EN)**

Application

**EP 11726139 A 20110615**

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- EP 11726139 A 20110615

Abstract (en)

[origin: WO2011157735A2] 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

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DOCDB simple family (publication)

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