

Title (en)

Temperature sensitive closure cap

Title (de)

Bouchon à fermeture thermosensible

Title (fr)

Temperaturempfindliche Verschlusskappe

Publication

**EP 1921018 A1 20080514 (EN)**

Application

**EP 06023127 A 20061107**

Priority

EP 06023127 A 20061107

Abstract (en)

The sealed closure cap applies specially to containers or bottles which contain carbonated beverages. The stopper, provided with a portion including a stopper itself (plug portion), a cap (top portion) and/or an implant, of the sealed closure cap having temperature sensitivity are molded with a base resin and a temperature sensitive cold color (first color). A molding color is the result of the combination of the base resin natural color and stopper raw material color, natural or pre-colored. The stopper, base resin and cold color are also molded with a temperature sensitive hot color (second color). The visual perception of the contents of the container are determined when the cold color becomes translucent at an ambient temperature of the environment causing the molding color or the hot color to become visually dominant or when the cold color or a mixture of the cold color with the hot color becomes visibly dominant at an ambient temperature of the environment.

IPC 8 full level

**B65D 41/58** (2006.01); **B65D 51/24** (2006.01)

CPC (source: EP)

**B65D 41/58** (2013.01); **B65D 51/248** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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