

Title (en)  
DISPOSABLE, SELF-COOLING CUP AND DEVICE THEREFORE

Title (de)  
SELBSTKÜHLENDER WEGWERF-BECHER UND VORRICHTUNG DAFÜR

Title (fr)  
TIMBALE JETABLE AUTO-REFRIGERANTE ET SON DISPOSITIF

Publication  
**EP 1668299 B1 20080402 (FR)**

Application  
**EP 04786003 A 20040726**

Priority  
• FR 2004001997 W 20040726  
• FR 0310025 A 20030819

Abstract (en)  
[origin: FR2858970A1] The cooler consists of a disposable plastic container, with or without an outer covering of cardboard, shaped to hold an inner layer (3) of crushed ice or snow that surrounds a can (1) or bottle. The ice or snow layer is formed into a sleeve by inserting the can or bottle by force into it or by using a manual, mechanical or electromechanical tool to make a hole. The cooler consists of a disposable plastic container, with or without an outer covering of cardboard, shaped to hold an inner layer (3) of crushed ice or snow that surrounds a can (1) or bottle. The ice or snow layer is formed into a sleeve by inserting the can or bottle by force into it or by using a manual, mechanical or electromechanical tool to make a hole. In a variant of the design the plastic container can have a plastic-covered wire ring round the top to hold it against the sides of the can or bottle.

IPC 8 full level  
**F25D 3/08** (2006.01); **B65D 81/38** (2006.01); **F25C 5/16** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP)  
**B65D 81/3886** (2013.01); **F25C 5/00** (2013.01); **F25D 3/08** (2013.01); **F25D 31/007** (2013.01); **F25D 2303/081** (2013.01); **F25D 2331/803** (2013.01); **F25D 2331/805** (2013.01); **F25D 2331/809** (2013.01)

Citation (examination)  
US 6102089 A 20000815 - MCCORMICK MATTHEW COLIN [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2858970 A1 20050225; FR 2858970 B1 20060505**; AT E391273 T1 20080415; DE 602004012879 D1 20080515; EP 1668299 A2 20060614; EP 1668299 B1 20080402; WO 2005019064 A2 20050303; WO 2005019064 A3 20050915; WO 2005019064 B1 20051110

DOCDB simple family (application)  
**FR 0310025 A 20030819**; AT 04786003 T 20040726; DE 602004012879 T 20040726; EP 04786003 A 20040726; FR 2004001997 W 20040726