

Title (en)  
Beverage can cooling device.

Title (de)  
Kühlvorrichtung für Getränkedosen.

Title (fr)  
Dispositif refroidisseur de boîtes pour boissons.

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Application  
**EP 87301735 A 19870227**

Priority  
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Abstract (en)  
A cooling device comprising a sealed closure structure (10 or 60) for containing liquidized cooling substance and a puncture device (30, 40 or 70) for puncturing the sealed closure structure (10 or 60). The closure structure (10 or 60) can be in the form of an accessory externally attachable to a beverage carrying can (50) or can be an integral part of the can. An appropriate cooling substance in a compressed liquidized form is charged into the closure structure (10 or 60). When an orifice is made through the sealed closure structure (10 or 60) by the puncture device (30, 40 or 70), the liquidized cooling substance therein will be vaporized to expand through the orifice. The vaporizing substance will absorb an amount of the heat of vaporization from the beverage can (50) so as to cool down the beverage therein.

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IPC 8 full level  
**F25D 3/10** (2006.01)

CPC (source: EP)  
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Citation (search report)

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