

Title (en)  
DEVICE FOR COOLING PACKAGED DRINKS

Title (de)  
VORRICHTUNG ZUM KÜHLEN VON VERPACKTEN GETRÄNKEN

Title (fr)  
SYSTEME DE REFROIDISSEMENT DE BOISSONS CONDITIONNEES

Publication  
**EP 1701120 A1 20060913 (EN)**

Application  
**EP 04742028 A 20040624**

Priority  

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Abstract (en)  
There are arranged in a container (1) having duly heat-insulated walls (2-3-4), one or more flexible sleeves (9) with a shape and size suitable for receiving therein respective packages (10), such as bottles of wine, which are immersed in a coolant (5) mostly flooding the container (1), which coolant can withstand temperatures of up to -45°C without freezing, said coolant being aided by a cooling system which includes a leak-tight compressor (7) and a pair of recirculation pumps (8) which generate hydrodynamic conditions for the coolant (5) in relation to the sleeves (9). Said flexible sleeves (9) are maintained extended due to respective springs (11), while counter springs (12) cause the expulsion of the packages (10) when the cooling thereof, controlled by respective timers, takes place. The cooling of the drinks to the suitable consumption temperature is thus obtained in a very short period of time, in a few minutes.

IPC 8 full level  
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