

Title (en)
A frigorie accumulator

Title (de)
Kältespeicher

Title (fr)
Accumulateur de frigories

Publication
EP 1484562 B1 20080813 (EN)

Application
EP 04012973 A 20040602

Priority
IT TO20030415 A 20030604

Abstract (en)
[origin: EP1484562A1] The frigorie accumulator (1) comprises a housing (2) which defines in its interior a region (10; 10a, 10b) for holding a frigorie storage substance such as a eutectic solution, and at least one duct (6a, 6b; 15) which extends in a heat-exchange relationship with the housing (2) and can contain a refrigerant fluid for removing calories from the storage substance held in the housing (2) until it brings about freezing thereof. <??>The housing (2) comprises: a substantially tubular, extruded profiled section (3), made of a thermally conductive material, defining first heat-exchange walls (5a) between the region (10; 10a, 10b) and the environment outside the housing (2), and second heat-exchange walls (5b) between the region (10; 10a, 10b) and the refrigerant fluid contained in the duct (6a, 6b; 15), and a first end closure element and a second end closure element (4a, 4b) which can be connected in a fluid-tight manner to the ends of the extruded profiled section (3). <IMAGE> <IMAGE>

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F25D 3/00 (2006.01)

CPC (source: EP)
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Cited by
IT201700088160A1; GB2475882A; GB2475882B; GB2432411A; GB2432411B; WO2011067570A3

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