

Title (en)

METHOD FOR ACCUMULATING AND RESTORING COLD AND DEVICE FOR IMPLEMENTING SUCH METHOD

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Application

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Abstract (en)

[origin: WO8704509A1] The disclosed device comprises a storage vessel (10) containing a heat-exchanging and cold-accumulating liquid (12) mixed with a mass of rigid aggregates of crystals of said frozen liquid, said crystals being obtained by freezing the liquid by atomization of a refrigerating fluid set in direct contact with the liquid. It is characterized in that it comprises means to create, during the cold accumulation phase, a piston (27) comprised of a homogeneous, porous and compact mass of said rigid aggregates of crystals, means (31) to deposit evenly said crystals on top of the piston (27) and means to resorb said piston (27) from the top.

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