

Title (en)  
METHOD FOR MANAGING THE SUPPLY OF CRYOGENIC LIQUID TO A TRUCK FOR TRANSPORTING HEAT-SENSITIVE PRODUCTS

Title (de)  
VERFAHREN ZUR VERWALTUNG DER ZUFUHR EINER KRYOGENEN FLÜSSIGKEIT AN EINEN LASTWAGEN FÜR DEN TRANSPORT VON WÄRMEEMPFLINDLICHEN PRODUKTEN

Title (fr)  
MÉTHODE DE GESTION DE L'ALIMENTATION EN LIQUIDE CRYOGÉNIQUE D'UN CAMION DE TRANSPORT DE PRODUITS THERMOSENSIBLES

Publication  
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Application  
**EP 15808749 A 20151126**

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Abstract (en)  
[origin: WO2016092177A1] The invention relates to a method for managing the supply of cryogenic liquid to a truck (20) for transporting heat-sensitive products, and to a truck implementing a so-called indirect injection method wherein the liquid is sent into a heat-exchanger system (3) located inside the truck, characterised in that when the refrigerating system of the truck is started up, for example at the start of a round or after a prolonged halt of the refrigerating system for any given reason, a mode of rapidly lowering the temperature of at least one of said chambers as follows is adopted: determining the magnitude  $AT = T_{int} - T_{cons}$  ( $T_{int}$ : the internal temperature of the chamber, and  $T_{cons}$ : a setpoint value for said internal temperature) and, as soon as  $AT$  is lower than a high setpoint value  $AT_{cons-H}$ , ordering the closing or the reduction of the opening of a proportional valve (10) located downstream from the exchanger system of the chamber under consideration, the high setpoint value  $AT_{cons-H}$  being no higher than 20 °C, and preferably no higher than 15 °C.

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