

Title (en)  
A MOBILE COOLING DEVICE

Title (de)  
MOBILE KÜHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE REFROIDISSEMENT MOBILE

Publication  
**EP 3737897 A1 20201118 (EN)**

Application  
**EP 19700237 A 20190111**

Priority  
• EP 18151392 A 20180112  
• EP 2019050680 W 20190111

Abstract (en)  
[origin: WO2019138067A1] A mobile cooling device, e.g. a vehicle, comprising a freezing chamber, and a chilling chamber. The freezing chamber is cooled by a eutectic cooling system, and the chilling chamber is cooled by the freezing chamber by convection through a separation wall (7). The separation wall comprises a divider plate (10) having a freezing side towards the freezing chamber, a chilling side towards the chilling chamber and forms a closed structure preventing exchange of air between the freezing chamber and the chilling chamber, the separation wall further comprising a freezing duct extending from a freezing inlet (25) to a freezing outlet (26) along the freezing side and a chilling duct extending from a chilling inlet (21) to a chilling outlet (24) along the chilling side.

IPC 8 full level  
**F25D 19/00** (2006.01); **F25D 11/00** (2006.01); **F25D 11/02** (2006.01); **F25D 16/00** (2006.01); **F25D 17/04** (2006.01); **F25D 17/08** (2006.01)

CPC (source: EP)  
**F25D 11/003** (2013.01); **F25D 11/025** (2013.01); **F25D 17/04** (2013.01); **F25D 17/08** (2013.01); **F25D 11/006** (2013.01); **F25D 16/00** (2013.01)

Citation (search report)  
See references of WO 2019138067A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2019138067 A1 20190718**; EP 3737897 A1 20201118; EP 3737897 B1 20211208; ES 2904926 T3 20220406

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**EP 2019050680 W 20190111**; EP 19700237 A 20190111; ES 19700237 T 20190111