

Title (en)

USE OF LIQUIDS CONTAINING 1,1,1,3,3-PENTAFLUOROBUTANE AS COOLING AGENTS OR HEAT CARRIERS

Title (de)

VERWENDUNG VON GEMISCHEN, DIE 1,1,1,3,3-PENTAFLUORBUTAN ENTHALTEN, ALS KÄLTEMITTEL ODER WÄRMETRÄGER

Title (fr)

UTILISATION DE MELANGES RENFERMANT DU 1,1,1,3,3-PENTAFLUOROBUTANE COMME AGENT REFRIGERANT OU COMME CALOPORTEUR

Publication

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Application

**EP 01996585 A 20011109**

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Abstract (en)

[origin: WO0240613A1] The invention relates to the use of liquids containing 1,1,1,3,3-Pentafluorobutane (R365mfc) and at least one other partly fluorized hydro carbon from the 1,1,1,2-Tetrafluoroethane (R134a), Pentafluoroethane (R125), 1,1,1,3,3-Pentafluoropropane (R245fa) and 1,1,1,2,3,3,3-Heptafluoropropane (R227ea) groups as the operating liquid in high temperature heat pumps. Cooling liquids used according to the invention are characterised by a high temperature drift.

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**C09K 5/04**

IPC 8 full level

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CPC (source: EP KR US)

**C09K 5/04** (2013.01 - KR); **C09K 5/045** (2013.01 - EP US)

Citation (search report)

See references of WO 0240613A1

Citation (examination)

- EP 0940382 A1 19990908 - ATOCHEM NORTH AMERICA ELF [US]
- WO 9201762 A1 19920206 - DU PONT [US]
- GB 2327427 A 19990127 - RHODIA LIMITED [GB]

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