



(51) International Patent Classification:

C09K 5/04 (2006.01) *C10M 171/00* (2006.01)
F25B 9/00 (2006.01)

(21) International Application Number:

PCT/IN2012/000797

(22) International Filing Date:

5 December 2012 (05.12.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2336/CHE/2012 12 June 2012 (12.06.2012) IN

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(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,

DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU,
RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

— *with amended claims (Art. 19(1))*

(54) Title: NON-CFC REFRIGERANT MIXTURE FOR USE IN MULTISTAGE AUTO CASCADE SYSTEMS

(57) Abstract: The present invention relates to a refrigerant mixture for use in multistage auto cascade ultralow and cryogenic temperature refrigeration systems. Particularly, the present invention relates to a refrigerant mixture comprising one hydrochlorofluoro-carbon (HCFC) and the major proportion includes hydrofluorocarbons (HFC), fluorocarbons, hydrocarbons and natural gases. More particularly, the present invention relates to non-flammable, non-toxic refrigerant mixture having no chlorofluorocarbon (CFC). Further, the present invention aims in providing a refrigerant mixture having low Ozone Depleting Potential (ODP) combined with low Global Warming Potential (GWP).

