

Title (en)
RADIATION HEATING APPARATUS

Title (de)
STRAHLUNGSHEIZGERÄT

Title (fr)
APPAREIL DE CHAUFFAGE PAR RAYONNEMENT

Publication
EP 2454537 B1 20160113 (EN)

Application
EP 10732359 A 20100712

Priority

- EP 2010059963 W 20100712
- IT GE20090054 A 20090716

Abstract (en)
[origin: WO2011006858A1] Radiation heating apparatus composed of a heat pump operating by a reverse refrigeration cycle and comprising radiant heat exchangers to the environment which are composed of a high thermal conductivity material such that they transfer heat to the environment by radiant and convection.

IPC 8 full level
F25B 39/04 (2006.01); **F24F 1/0063** (2019.01); **F28F 1/16** (2006.01); **F28F 7/02** (2006.01)

CPC (source: EP US)
F24F 1/0063 (2019.01 - EP US); **F24F 5/0089** (2013.01 - EP); **F25B 39/04** (2013.01 - EP); **F28D 1/024** (2013.01 - EP); **F28F 1/04** (2013.01 - EP); **F28F 1/16** (2013.01 - EP); **F28F 7/02** (2013.01 - EP); **F28D 2001/0286** (2013.01 - EP); **F28F 2215/10** (2013.01 - EP)

Citation (examination)
EP 0269282 A2 19880601 - TOSHIBA KK [JP]

Citation (opposition)
Opponent : DAIKIN AIR CONDITIONING ITALY S.p.A.

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DOCDB simple family (publication)

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DOCDB simple family (application)

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