

Title (en)
Refrigeration and/or freezer device

Title (de)
Kühl- und/oder Gefriergerät

Title (fr)
Appareil de réfrigération et/ou de refroidissement

Publication
EP 2075521 A3 20130227 (DE)

Application
EP 08021840 A 20081216

Priority
• DE 202007018136 U 20071228
• DE 202008000758 U 20080118

Abstract (en)
[origin: EP2075521A2] The device has a heating device exhibiting carbon nanotubes i.e. evaporator tubes (10), where the nanotubes are in connection with a carrier material e.g. transparent plastic or translucent plastic. The heating device heats a pane e.g. glass pane or a plastic pane. The nanotubes are arranged in the pane and/or on one or both sides of the panes. The heating device is arranged in form of one or several letters, characters, numbers, pictogram and graphics, on a lamella evaporator by spraying or immersing.

IPC 8 full level
F25D 21/08 (2006.01)

CPC (source: EP)
F25D 21/08 (2013.01)

Citation (search report)
• [XYI] EP 1580514 A1 20050928 - DAIKIN IND LTD [JP]
• [Y] EP 1818357 A1 20070815 - INNOVENT EV TECHNOLOGIEENTWICKLUNG [DE]
• [XI] US 2005067406 A1 20050331 - RAJARAJAN SHANMUGAM [IN], et al
• [X] WO 2006002224 A2 20060105 - DARTMOUTH COLLEGE [US], et al

Cited by
DE102017004503A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 202008000758 U1 20090430; EP 2075521 A2 20090701; EP 2075521 A3 20130227

DOCDB simple family (application)
DE 202008000758 U 20080118; EP 08021840 A 20081216