

Title (en)  
DOMESTIC REFRIGERATOR HAVING A REFRIGERANT CIRCUIT SYSTEM

Title (de)  
HAUSHALTSKÄLTEGERÄT MIT EINEM KÄLTEMITTELKREISLAUFSYSTEM

Title (fr)  
APPAREIL DE FROID MÉNAGER COMPRENANT UN CIRCUIT FRIGORIFIQUE

Publication  
**EP 2694889 A1 20140212 (DE)**

Application  
**EP 12713053 A 20120328**

Priority  
• DE 102011006952 A 20110407  
• EP 2012055470 W 20120328

Abstract (en)  
[origin: WO2012136530A1] The invention relates to a domestic refrigerator (1) having an internal container (2) which has container walls (2a, 2b, 2c, 2d, 2e) which bound at least one coolable storage space (3, 14) for products to be refrigerated and which have rear surfaces, and having a refrigerant circuit system (4) with at least two evaporator plates (5a, 5b, 5c, 5d, 5e), the front faces of said evaporator plates resting against rear surfaces, which have different orientations, of the container walls (2a, 2b, 2c, 2d, 2e) and the rear faces of said evaporator plates being populated by at least one evaporator tube (10), in the case of which the at least one evaporator tube (10) has a first evaporator tube section (10c) in the direction of flow of a refrigerant which flows through the evaporator tube (10) and is laid along an evaporator plate (5c) which rests against that container wall (2c) which is associated with the top of the storage space (3), and has a second evaporator tube section (10a) which is connected downstream of the first evaporator tube section (10c) in the direction of flow and which is laid along an evaporator plate (5a) which rests against that container wall (2a) which is associated with the base of the storage space (3), and has a third evaporator tube section (10e) which is connected downstream of the second evaporator tube section (10a) in the direction of flow and has a directional component which is oriented against the force of gravity.

IPC 8 full level  
**F25B 39/02** (2006.01); **F25D 11/00** (2006.01); **F25D 11/02** (2006.01); **F25D 23/06** (2006.01)

CPC (source: EP)  
**F25B 39/02** (2013.01); **F25D 11/022** (2013.01); **F25B 2339/023** (2013.01)

Citation (search report)  
See references of WO 2012136530A1

Designated contracting state (EPC)  
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

DOCDB simple family (publication)  
**DE 102011006952 A1 20121011**; CN 103459945 A 20131218; CN 103459945 B 20161207; EP 2694889 A1 20140212;  
EP 2694889 B1 20160831; PL 2694889 T3 20170131; WO 2012136530 A1 20121011

DOCDB simple family (application)  
**DE 102011006952 A 20110407**; CN 201280017039 A 20120328; EP 12713053 A 20120328; EP 2012055470 W 20120328;  
PL 12713053 T 20120328