

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLGERÄT

Title (fr)  
REFRIGERATEUR

Publication  
**EP 1175586 B1 20060614 (DE)**

Application  
**EP 00929372 A 20000417**

Priority  
• DE 29907267 U 19990423  
• EP 0003479 W 20000417

Abstract (en)  
[origin: WO0065289A1] The invention relates to a refrigerator (10) with a compressor and at least two evaporators for cooling refrigerator compartments (14, 15) that are at different temperatures. The compressor and the evaporator are connected in series and have a different refrigerating capacity. The compartment with the highest temperature has at least one lighting device (19), which also serves as a heating device, and is equipped with at least one temperature probe for detecting the temperature of the compartment, which is transmitted to an electronic evaluation unit (21). According to the invention, elements that subject the lighting device (19) to a predetermined number of control signals of the same and/or different polarity in accordance with the temperature of the compartment are provided, this function being controlled by the evaluation unit (21).

IPC 8 full level  
**F25D 29/00** (2006.01); **F25D 27/00** (2006.01); **F25B 5/04** (2006.01); **F25D 11/02** (2006.01)

CPC (source: EP)  
**F25D 29/005** (2013.01); **F25B 5/04** (2013.01); **F25D 11/022** (2013.01); **F25D 2400/08** (2013.01); **F25D 2400/34** (2013.01); **F25D 2700/14** (2013.01)

Cited by  
CN106196838A; EP2562500A1; US9250011B2; US10544980B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0065289 A1 20001102**; AT E330193 T1 20060715; DE 29907267 U1 19990715; DE 50012991 D1 20060727; EP 1175586 A1 20020130; EP 1175586 B1 20060614; ES 2265941 T3 20070301; TR 200103307 T2 20020422

DOCDB simple family (application)  
**EP 0003479 W 20000417**; AT 00929372 T 20000417; DE 29907267 U 19990423; DE 50012991 T 20000417; EP 00929372 A 20000417; ES 00929372 T 20000417; TR 200103307 T 20000417