

Title (en)  
AIR CONDITIONING DEVICE

Title (de)  
KLIMATISIERUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE CLIMATISATION

Publication  
**EP 3637010 A1 20200415 (EN)**

Application  
**EP 18199839 A 20181011**

Priority  
EP 18199839 A 20181011

Abstract (en)  
The invention relates to an air conditioning device (1) for rooms with at least one air duct (2, 3) comprising an air inlet side (6, 7) and an air outlet side (8, 9), wherein a heat exchanger element (4, 5) is arranged in the air duct (2,)According to the invention, the heat exchanger element (4, 5) is formed as a fluid line with at least one helical section (11, 12) which is arranged in an interior of the air duct (2, 3).

IPC 8 full level  
**F24F 13/30** (2006.01); **F24F 7/06** (2006.01); **F24F 13/02** (2006.01)

CPC (source: EP)  
**F24F 1/0059** (2013.01); **F24F 7/065** (2013.01); **F24F 13/02** (2013.01); **F24F 13/30** (2013.01)

Citation (applicant)  
• US 5640951 A 19970624 - HUDDART BRETT JOHN [NZ], et al  
• US 2005178755 A1 20050818 - ULBRICH THOMAS [DE]

Citation (search report)  
• [XAI] US 2014116657 A1 20140501 - RITCHIE MICHAEL CHARLES [US]  
• [XAI] CN 105444468 A 20160330 - WUHU MEIZHI AIR CONDITIONING EQUIPMENT CO LTD  
• [XAI] US 2001029745 A1 20011018 - EVANS FRED [US]  
• [X] US 3799249 A 19740326 - LINHARDT H  
• [A] CN 108278800 A 20180713 - GREE ELECTRIC APPLIANCES INC ZHUHAI

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3637010 A1 20200415**

DOCDB simple family (application)  
**EP 18199839 A 20181011**