

Title (en)
CORE ASSEMBLY FOR AIR CONDITIONER AND AIR CONDITIONER HAVING THE SAME

Title (de)
KERNANORDNUNG FÜR EINE KLIMAANLAGE UND KLIMAANLAGE DAMIT

Title (fr)
ENSEMBLE PRINCIPAL POUR CLIMATISEUR ET CLIMATISEUR L'UTILISANT

Publication
EP 2366957 B1 20230524 (EN)

Application
EP 11157057 A 20110304

Priority
• KR 20100021466 A 20100310
• KR 20100021469 A 20100310

Abstract (en)
[origin: EP2366957A2] Disclosed are a core assembly for an air conditioner, and an air conditioner having the same. Since a core is formed in a consecutive ring shape, an impedance with respect to an electric signal is improved to enhance a communication performance through a refrigerant pipe. Furthermore, as the core or a core holder is integrally formed at a connection pipe, the refrigerant pipe is prevented from vibrating or moving by installation circumstances. This may enhance a communication performance much more. Besides, since a connector is provided at the core holder or a signal line, detachable mounting of the connector to the signal line may be facilitated. This may simplify the assembly processes and maintenance procedures, thereby reducing the costs.

IPC 8 full level
F24F 1/00 (2019.01); **F24F 1/26** (2011.01); **F24F 1/32** (2011.01); **F24F 1/34** (2011.01)

CPC (source: EP US)
F24F 1/0003 (2013.01 - EP US); **F24F 1/26** (2013.01 - EP US); **F24F 1/32** (2013.01 - EP US); **F24F 1/34** (2013.01 - EP US)

Citation (examination)
JP S6037372 B2 19850826

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)
EP 2366957 A2 20110921; **EP 2366957 A3 20180418**; **EP 2366957 B1 20230524**; CN 102195172 A 20110921; CN 102195172 B 20140709; US 2011219795 A1 20110915

DOCDB simple family (application)
EP 11157057 A 20110304; CN 201110039414 A 20110215; US 201113019428 A 20110202