

Title (en)

COMPOSITE PIPE, REFRIGERATING APPARATUS, AND METHOD FOR MANUFACTURING COMPOSITE PIPE

Title (de)

VERBUNDROHR, KÜHLVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DES VERBUNDROHRS

Title (fr)

TUYAU COMPOSITE, APPAREIL DE RÉFRIGÉRATION ET PROCÉDÉ DE FABRICATION D'UN TUYAU COMPOSITE

Publication

EP 3421905 A1 20190102 (EN)

Application

EP 18180143 A 20180627

Priority

JP 2017129697 A 20170630

Abstract (en)

The present invention provides a composite pipe which includes a metallic refrigerant pipe (10); a plate-like joining portion (28) formed of the same type of metal as the refrigerant pipe (10) and having one surface to which a pipe wall of the refrigerant pipe (10) is joined; and a metallic cooling body (26) having a front surface (26c) which comes into contact with the other surface of the joining portion (28) and a back surface (26d) which is provided on the opposite side to the front surface (26c) and comes into contact with the heat generation component (25). The refrigerant pipe (10) is joined to the one surface of the joining portion (28) by brazing.

IPC 8 full level

F25B 31/00 (2006.01)

CPC (source: EP)

F25B 31/006 (2013.01)

Citation (applicant)

JP 2015233074 A 20151224 - DAIKIN IND LTD

Citation (search report)

- [X] JP 2010114121 A 20100520 - DAIKIN IND LTD
- [I] EP 2876385 A2 20150527 - MITSUBISHI HEAVY IND LTD [JP]

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EP3422402B1

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