

Title (en)

AIR CONDITIONING SYSTEM FOR MULTIPLE ROOM BUILDINGS

Publication

EP 0457289 A3 19920916 (DE)

Application

EP 91107833 A 19910515

Priority

DE 4015665 A 19900516

Abstract (en)

[origin: EP0457289A2] The air conditioning system has radiators (13) for the purpose of heating. For room cooling, an air-cooled cooling ceiling (14) is provided, the outlets of which are arranged, in the form of source air outlets (20), in direct proximity to the room walls (10). The overpressure in the cooling ceiling is so low that the cooling air descends along the room walls in a laminar flow under the effect of gravity. As a result, injection-free and turbulence-free wall cooling is created, so that not only the cooling ceiling but also the room walls absorb heat. Draughts are avoided. <IMAGE>

IPC 1-7

F24F 13/068

IPC 8 full level

F24F 5/00 (2006.01); **F24F 7/10** (2006.01); **F24F 13/068** (2006.01)

CPC (source: EP US)

F24F 5/0089 (2013.01 - EP); **F24F 5/0092** (2013.01 - EP US); **F24F 7/10** (2013.01 - EP); **F24F 2007/004** (2013.01 - EP US)

Citation (search report)

- [A] US 2781557 A 19570219 - ERICSON WALTER M
- [AD] DE 1679598 A1 19710422 - VELOX WERK SCHNELLE HERBERT

Cited by

FR2815112A1; KR100748275B1; EP2746684A1; CH707403A1; GB2436867A; GB2436867B; US6877335B2; WO0231414A1; WO03083375A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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