

Title (en)

System for realizing the coupling of duct sections for air conditioning systems

Title (de)

System zur Kupplung von Kanalverbindungsstücken für Klimaanlage

Title (fr)

Système pour l'accouplement des sections des conduites dans les systèmes de conditionnement d'air

Publication

**EP 1022520 B1 20050323 (EN)**

Application

**EP 00101337 A 20000124**

Priority

IT TO990008 U 19990125

Abstract (en)

[origin: EP1022520A2] A system, and an angular element used in it, are described, for the mutual fixing of sections (1,2) of a duct for conveying air, wherein the adjacent ends (3) of two sections (1,2) have projections and/or recesses (14A,14B) which cooperate for defining an engagement seat wherein at least a portion (18,18',19) of a structural joining element (4) has to be inserted. According to the invention, said adjacent ends (3) have a portion (16) which is apt for realizing the external coverage of the coupling area between said projections and/or recesses (14A,14B) and the portion (18,18',19) of said structural joining element (4) inserted in said seat. Moreover, said structural joining element (4) is realized for allowing its easy insertion and/or removal in parallel direction with respect to a ceiling and a wall, when the canalization is placed next to a wall and a ceiling.  
<IMAGE>

IPC 1-7

**F24F 13/02**; **E04F 17/04**; **F16L 25/00**

IPC 8 full level

**E04F 17/04** (2006.01); **F24F 13/02** (2006.01)

CPC (source: EP)

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