

Title (en)

A method and device for the supply of conditioned air.

Title (de)

Verfahren und Vorrichtung für die Zufuhr von klimatisierter Luft.

Title (fr)

Méthode et dispositif d'admission d'air conditionné.

Publication

EP 0337972 B1 19940202 (EN)

Application

EP 89850115 A 19890410

Priority

SE 8801334 A 19880411

Abstract (en)

[origin: EP0337972A2] When supplying conditioned air to locations or rooms (1) on a floor or story of a multi-story building, an air conditioning unit (2) will deliver conditioned air to a cavity (3) located beneath a floor surface of the floor or story served by the unit. Box-like supply air terminal devices (10) are placed over openings provided at desired positions in the floor surface. The terminal devices comprise a centrally positioned supply channel (14) and a thermostat controlled valve means for regulating the amount of air supplied. Circulated air is introduced into the unit (2) at a level within the occupied zone of the location or room served. The floor connected supply air terminal devices lack separate fans and deliver air at a level which is less than about 1 meter above the level of the floor surface, whereas contaminated air is discharged from the location or room through exhaust air terminal devices located immediately beneath the ceiling of the location served. The supply air terminal devices (10) may be located in the vicinity of work areas, e.g. writing desks present in the location or room served, and are provided with a space through which cables can be drawn to respective work places.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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