

Title (en)

VARIABLE AIR VOLUME TIME MODULATED FLOOR TERMINAL

Title (de)

ZEITMODULIERTES BODENENDGERÄT MIT VARIABLEM LUFTVOLUMEN

Title (fr)

ÉLÉMENT TERMINAL DE PLANCHER À VOLUME D'AIR VARIABLE MODULÉ DANS LE TEMPS

Publication

EP 1989489 A2 20081112 (EN)

Application

EP 07778659 A 20070227

Priority

- US 2007062832 W 20070226
- US 36157406 A 20060224

Abstract (en)

[origin: US2007066213A1] A floor terminal for positioning in a passageway in a raised floor system having conditioned air. The floor terminal includes an air delivery system, a damper coupled to the air delivery system, and a grate assembly coupled to the air delivery system. The air delivery system includes a pair of sidewalls, a back, a bottom, a bracket and a baffle, wherein the baffle is selectively coupled between the pair of sidewalls. The damper is selectively coupled to the air delivery system. The damper includes a vane positioned between a frame and a motor in a housing, wherein the motor moves the vane between a first position and a second position to selectively vary the flow of air through the damper. The grate assembly fits within the bracket to couple the grate assembly with the air delivery system to mount the air delivery system and the damper within the passageway and to position the air delivery system within the hole in the floor.

IPC 8 full level

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CPC (source: EP US)

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