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(54) Title: MODULAR INTEGRATED TERMINALS AND ASSOCIATED SYSTEMS FOR HEATING AND COOLING

(57) Abstract

Modular terminals for supplying conditioned air to spaces within buildings can be mounted and configured to provide improved heating, cooling, ventilation, and mixing of the supplied air with the space air. The flexibility in arranging the terminal components, such as air inlets, outlet grilles, dampers, and induction sleeves, permits for selectively altering the flow pattern, quality, volume, and velocity of air introduced into a space. The modular terminals can selectively draw air from a plenum, duct, or both. The terminals accommodate electrical wiring for office equipment, and also may accept flexible ducting to deliver conditioned air from a desktop or other furniture. The modular terminals also are part of a system and method for conditioning

building spaces whereby a number of terminals are controlled in response to selected sensor readings. Various air handling units combine with the terminals to cycle the air and supply a source of filtered and conditioned air to the terminals.

