

Title (en)

Process and apparatus for transmitting/distributing air and light

Title (de)

Verfahren und Vorrichtung zum Leiten/Verteilen von Luft und Licht

Title (fr)

Procédé et dispositif de transmission/distribution de l'aire et de la lumière

Publication

EP 0774617 A1 19970521 (DE)

Application

EP 96118429 A 19961116

Priority

DE 19543180 A 19951120

Abstract (en)

The method employs a horizontal channel (6) opening on to the facade (1) of the building from the ceiling (5) of a room (3). The end (7) of the channel is angled to admit sunlight (T) in quantity adjustable by means of a mirror flap (9). Fresh air (10) enters through an underlying right-angled vent (11) with a throttle flap (12). The other end (13) of the channel receives air from a ventilator (15) and conditioner (16) via another flap (17). The air flows over e.g. a high-pressure discharge lamp (18) with a reflector (19). Mixtures of air and light enter the room through a number of openings (20) preferably having transparent glass plates coated with prismatic film.

Abstract (de)

Die Erfindung betrifft ein Verfahren und eine Vorrichtung (5) zum Leiten/Verteilen von Luft (n,m) und Licht (T), insbesondere in einem Gebäude (2) oder dergleichen. Es ist vorgesehen, daß Luft und Licht entlang desselben Transportweges (6) geleitet werden. <IMAGE>

IPC 1-7

F21S 11/00; **F24F 13/078**

IPC 8 full level

F21S 11/00 (2006.01); **F21V 33/00** (2006.01); **F24F 13/078** (2006.01)

CPC (source: EP US)

F21S 11/00 (2013.01 - EP US); **F21V 33/0088** (2013.01 - EP US); **F24F 13/078** (2013.01 - EP US)

Citation (search report)

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- [X] US 5117811 A 19920602 - TAYLOR ROBERT F [US]
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Designated contracting state (EPC)

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