

Title (en)
SOLAR ENERGY RECIEVER.

Title (de)
SONNENERGIE-KOLLEKTOR.

Title (fr)
CAPTEUR D'ENERGIE SOLAIRE.

Publication
EP 0016171 A1 19801001 (FR)

Application
EP 79900932 A 19800325

Priority
FR 7823854 A 19780816

Abstract (en)
[origin: WO8000488A1] The receiver which can be applied to the heating and ventilation of premises, comprises an ascending channel having the form of a flat housing, limited on one side by a transparent wall (2) intended to be exposed to solar radiations and, on the apposite side, by an opaque background. An exchange body (3), pervious to air, is disposed between the background and the wall (2). This exchange body is combined with means (15, 16, 17) which create a loss of charge evenly distributed along its surface, so as to evenly distribute the air flow along the aforesaid surface.

Abstract (fr)
Le capteur qui est applicable, notamment, au chauffage et a la ventilation de locaux, comporte un passage ascendant (1) en forme de boitier plat limite d'un cote par une paroi transparente (2) destinee a etre exposee au rayonnement solaire et a l'oppose, par un fond opaque. Un corps d'echange (3), permeable a l'air, est place entre le fond et la paroi (2). Ce corps d'echange est combine a des moyens (15, 16, 17) qui creent une perte de charge regulierement repartie sur sa surface afin de repartir egaleement le debit d'air sur ladite surface.

IPC 1-7
F24J 3/02

IPC 8 full level
F24J 3/00 (2006.01); **F24J 2/04** (2006.01); **F24S 10/55** (2018.01)

CPC (source: EP US)
F24S 10/55 (2018.04 - EP); **F24S 20/66** (2018.04 - EP US); **F24S 60/00** (2018.04 - EP US); **F24S 70/65** (2018.04 - EP);
Y02B 10/20 (2013.01 - EP); **Y02E 10/44** (2013.01 - EP)

Designated contracting state (EPC)
CH DE FR GB LU NL SE

DOCDB simple family (publication)
WO 8000488 A1 19800320; EP 0016171 A1 19801001; FR 2443030 A1 19800627; FR 2443030 B1 19810522; JP S55500456 A 19800724;
NO 792617 L 19800219

DOCDB simple family (application)
FR 7900072 W 19790814; EP 79900932 A 19800325; FR 7823854 A 19780816; JP 50125279 A 19790814; NO 792617 A 19790810