

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)

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**Y02B 10/20** (2013.01 - EP); **Y02E 10/44** (2013.01 - EP)

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