

Title (en)  
Device for partitioning of a smoking area

Title (de)  
Trennwandvorrichtung für Raucherzone

Title (fr)  
Dispositif de cloisonnement d'espace fumeur

Publication  
**EP 0719990 A1 19960703 (FR)**

Application  
**EP 95402966 A 19951228**

Priority  
FR 9415965 A 19941230

Abstract (en)  
The partition consists of a hollow panel (1), lower than the ceiling of the space being divided. A ventilator (10), situated between one of the intakes (3) and an outlet (6), extends along the whole top edge of the panel to create a curtain of fresh air above it. The ventilator is situated between inner walls (12) which form a duct (11) extended upwards by inclined walls (15) to make a funnel-shaped inner compartment to distribute the air along the whole of the panel's length. The funnel-shaped compartment has deflectors (14) inside. There are walls (13) forming chicanes to guide the air flow between the intakes and outlet. The ventilator is located close to the centre of gravity of the panel, which is movable.

Abstract (fr)  
L'invention concerne un panneau mobile (1) de cloisonnement d'espace fumeur, adapté à être interposé entre un espace fumeur et un espace non fumeur. Ce panneau, creux, renferme un ventilateur (10) provoquant une circulation d'air entre des bouches d'aspiration (3) et une bouche de soufflage (6) s'étendant tout le long du côté supérieur dudit panneau. Cette dernière crée au-dessus du panneau (1) un rideau d'air propre à protéger l'espace non fumeur de l'air pollué de l'espace fumeur. <IMAGE>

IPC 1-7  
**F24F 3/16**; **F24F 9/00**

IPC 8 full level  
**F24F 8/10** (2021.01); **F24F 9/00** (2006.01)

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**F24F 8/10** (2021.01 - EP US); **F24F 9/00** (2013.01 - EP); **E04H 2001/1294** (2013.01 - EP); **F24F 2009/002** (2013.01 - EP)

Citation (search report)

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