

Title (en)  
TUNNEL MODULE FOR CREATING A CLEAN SPACE BY THE LAMINAR FLOW TECHNIQUE

Publication  
**EP 0340433 B1 19921209 (DE)**

Application  
**EP 89104834 A 19890317**

Priority  
DE 8805774 U 19880430

Abstract (en)  
[origin: EP0340433A2] A tunnel module consists of an upper part (1), which is downwardly delimited by high-performance filters (15), and two side walls (3, 4). The upper part (1) has three chambers (9, 10, 11) which are divided by two intermediate bottoms (7, 8) and lie on top of one another, a fan (16) and a return air opening (14). The chambers (9, 10, 11) are interconnected by means of openings (12, 13) arranged on alternate sides in the intermediate bottoms (7, 8), the opening (12) of the upper intermediate bottom (7) and the return air opening (14) being situated on opposite sides. In order to produce a low-turbulence airflow, which is provided with a high static pressure content, in the lower chamber (11) in front of the high-performance filters (15), with low energy expenditure, the fan (16) is arranged in the central chamber (10) below the opening (12) of the upper intermediate bottom (7). <IMAGE>

IPC 1-7  
**F24F 3/16**

IPC 8 full level  
**E04B 1/82** (2006.01); **B01L 1/04** (2006.01); **F24F 3/16** (2006.01); **F24F 7/06** (2006.01)

CPC (source: EP)  
**F24F 3/167** (2021.01); **F24F 13/24** (2013.01)

Cited by  
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