

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

Publication
EP 0340433 A3 19911121 (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
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CPC (source: EP)
F24F 3/167 (2021.01); **F24F 13/24** (2013.01)

Citation (search report)
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• [A] PATENT ABSTRACTS OF JAPAN, Band 10, Nr. 281 (M-520)[2337], 25. September 1986; & JP-A-61 101 733 (SHIMIZU) 20-05-1986
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