

Title (en)

A method of and an equipment for providing ventilation in a processing space.

Title (de)

Verfahren und Vorrichtung für die Belüftung eines Behandlungsraumes.

Title (fr)

Procédé et dispositif d'aération pour un espace de traitement.

Publication

EP 0510637 A2 19921028 (EN)

Application

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Priority

FI 911968 A 19910423

Abstract (en)

A method of providing ventilation for a processing space (1) with an access opening (3) from the surroundings, the space being separated from the surroundings by blowing treated supply air (A) into it to form an air curtain (5) at the opening in order to prevent the entrance of surrounding air. To enable an efficient separation of the space even with a great temperature difference between the supply air and the surrounding air, the supply air is blown to form a free circulation flow (A') in the space. The direction of the circulation flow at the opening is opposite to the direction of convection flows (B) of surrounding air created by the temperature difference, and the flow rate at the opening is greater than that of the convection flows. In an equipment for realizing the method, devices (6, 7) for introducing supply air are mounted to create a free circulation flow (A') in the processing space (1), forming an air curtain at the opening. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

US6035549A; CN103608626A; ES2040154A1; EP0867665A3; FR2733036A1; FR2750199A1; US6095918A; JP2018108568A; US6821062B2; JP2017161167A; WO2018122304A1; WO9632613A1; WO9749955A1; WO9316334A1; WO2018122302A1

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