

Title (en)

OPEN VERTICAL REFRIGERATED DISPLAY CASE COMPRISING IMPROVED NEBULIZING MEANS

Title (de)

OFFENER, VERTIKALER, GEKÜHLTER SCHAUKASTEN MIT VERBESSERTER VERNEBELUNGSVORRICHTUNG

Title (fr)

VITRINE REFRIGEREE VERTICALE OUVERTE COMPRENANT DES MOYENS DE NEBULISATION PERFECTIONNES

Publication

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Application

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Abstract (en)

[origin: WO2023281376A1] This display case (I) comprises a lower wall (1), a back wall (2), an upper wall (3) and an open front face (4), means (52, 54) for generating an air curtain (200) in the vicinity of this front face, which comprise a main blowing orifice, and nebulizing means (8) provided in the vicinity of the ceiling, so as to be able to diffuse a mist into at least a part of the storage volume. According to the invention, the nebulizing means comprise a diffusion member (82), defining at least one diffusion orifice (84) for the mist, which is separate from the main blowing orifice (53) while being offset towards the back wall (2) with respect to this main blowing orifice. This arrangement makes it possible to ensure humidification, not only in a sufficient quantity but also with a good level of uniformity. The invention thus makes it possible to control the way in which the mist spreads and circulates within the storage volume, and the interaction between the mist and the air curtain. It also makes it possible to prevent the mist from condensing significantly along its functional path.

IPC 8 full level

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