

Title (en)

AIR DIFFUSER WITH REMOVABLE DIFFUSER PLATE

Title (de)

LUFTVERTEILER MIT ABNEHMBARER DIFFUSIONSPLATTE

Title (fr)

DIFFUSEUR D'AIR POURVU D'UNE PLAQUE DE DIFFUSEUR AMOVIBLE

Publication

**EP 3228947 B1 20190501 (EN)**

Application

**EP 17164166 A 20170331**

Priority

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- SE 1650448 A 20160404

Abstract (en)

[origin: EP3228947A1] The invention relates to an air ventilation diffuser 1 e.g. a ceiling mounted air ventilation diffuser. The diffuser 1 comprises a plenum box 2 and a removable diffuser plate 3. The plenum box 2 is provided with a ventilation air inlet 4, adapted to be attached to a ventilation system in order to provide air into the plenum box 2, and a ventilation air outlet 5 for admitting air to a space where the air ventilation diffuser 1 is located. The removable diffuser plate 3 is provided with one or several openings 6 and being adapted to fit and cover the ventilation air outlet 5 of the plenum box 2. The removable diffuser plate 3 is attached to the plenum box 2 by at least one resilient element 7, e.g. a spring, being fixed to the plenum box 2 and the diffuser plate 3 so as to force these elements towards each other. The diffuser plate 3 may shift between a first, operative position (I) and a second, access position (II) by stretching the resilient element 7 and dislocating the diffuser plate 3.

IPC 8 full level

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