

Title (en)

SUPPLY AIR DUCT WITH INTEGRAL NOZZLES FOR DIFFUSING SUPPLY AIR ALONG THE LENGTH OF THE SUPPLY AIR DUCT

Title (de)

ZULUFTKANAL MIT INTEGRIERTEN DÜSEN ZUR DIFFUSION VON ZULUFT ENTLANG DER LÄNGE DES ZULUFTKANALS

Title (fr)

CONDUITE D'ALIMENTATION D'AIR À BUSES INTÉGRÉES POUR DIFFUSER L'AIR FOURNI SUR LA LONGUEUR DE LA CONDUITE D'ALIMENTATION D'AIR

Publication

EP 4330605 A1 20240306 (EN)

Application

EP 22796403 A 20220420

Priority

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- US 2022025483 W 20220420

Abstract (en)

[origin: US2022349613A1] An exposed high induction supply air duct is provided and is adapted to be installed in an open ceiling environment. Conditioned air is diffused from the supply air duct through an array of nozzles disposed along the length of the supply air duct. At the same time, existing air in an open space underlying the duct is induced upwardly towards the nozzles where the existing air is efficiently mixed with the supply air being exhausted by the nozzles.

IPC 8 full level

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CPC (source: EP US)

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