

Title (en)

TRAIN STATION, IN PARTICULAR A TUNNEL-TYPE TRAIN STATION, AND USE OF A FILTER UNIT IN A TRAIN STATION

Title (de)

BAHNHOF, INSBESONDERE TUNNELBAHNHOF UND VERWENDUNG EINER FILTEREINHEIT IN EINEM BAHNHOF

Title (fr)

GARE, EN PARTICULIER GARE SOUTERRAINE ET UTILISATION D'UNE UNITÉ DE FILTRATION DANS UNE GARE

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Application

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Abstract (en)

[origin: WO2020012014A1] The invention relates to a train station (1), in particular a tunnel-type train station, comprising at least one public waiting area (3) for people (4) to wait and at least one transport route (5) for vehicles (6) to passtravel, wherein the public waiting area (3) is arranged adjacent to the transport route (5). It is proposed that a contamination of the ambient air in the train station (1), including with solid, liquid or gaseous materials is to be reduced. For this purpose, the train station (1) comprises an ambient air cleaning assembly for cleaning the ambient air having at least one filter unit (10) for separating solid, liquid or gaseous ambient air contaminants, in particular fine dusts, out of the ambient air. The transport route (5) is designed as a vehicle tunnel (7) and the train station (1) has an enclosed area (2) in which the public waiting area (3) for people (4) to wait in is arranged. The enclosed area (2) has at least one side wall (17), wherein the at least one filter unit (10) is arranged on and/or in the side wall (17) of the enclosed area (2). The invention also relates to the use of a filter unit (10) in a train station (1).

IPC 8 full level

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