

Title (en)

Method and suction system for ventilation, i.e. smoke suction in tunnels

Title (de)

Verfahren und Absauganlage zum Entlüften bzw. Rauchgasabsaugen in einem Tunnel

Title (fr)

Procédé et système d'aspiration pour la ventilation, p.e. de fumée dans des tunnels

Publication

EP 1081331 B1 20040811 (DE)

Application

EP 00118829 A 20000831

Priority

- DE 10009734 A 20000302
- DE 19941739 A 19990902

Abstract (en)

[origin: EP1081331A1] The method involves setting up an acquisition flow in or below an upper region, especially on upper third, of a tunnel's cross-section, parallel and/or transverse to the tunnel's longitudinal axis to ensure uniform acquisition over the length of the acquisition flow, especially a turbulent flow. Air is sucked out radially or tangentially and fed to an outlet air channel (11) in the roof (12) of the tunnel (10). An Independent claim is also included for a suction system for a tunnel, especially a motorway or railway tunnel.

IPC 1-7

E21F 1/00

IPC 8 full level

E21F 1/00 (2006.01)

CPC (source: EP)

E21F 1/003 (2013.01)

Cited by

NO338760B1; CN103244165A; CN112943339A; EP1630349A1; CN111720153A; KR101340819B1; CN108798743A; DE10243224B3; DE10136097A1; DE10136097C2; DE102013012054A1; WO02103163A1; WO02101198A2; WO02101197A1; WO02101198A3; EP2826953A2

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