

Title (en)
Jet fan

Title (de)
Strahlventilator

Title (fr)
Ventilateur à jet

Publication
EP 1050684 B1 20051109 (DE)

Application
EP 00108363 A 20000417

Priority
DE 19920513 A 19990505

Abstract (en)
[origin: EP1050684A2] The radiation fan is for ventilating tunnels and has at least one fan (5) arranged in a shaft (4). At least one nozzle arrangement (6,7) is fitted at the inlet (8) and/or outlet side (9) of the shaft and is preferably provided with a noise damper. air guide (23) to the nozzle arrangement is inclined in relation to the fan shaft, so that the inflow (14) and/or outflow direct (15) in relation to the through flow direction (16) of the fan shaft forms an angle (17). This angle is between 3 and 25 degrees

IPC 1-7
F04D 29/54; F04D 19/00; E21F 1/00

IPC 8 full level
F04D 29/54 (2006.01)

CPC (source: EP)
F04D 29/545 (2013.01); **F04D 29/601** (2013.01)

Cited by
CN109469636A; US2014299402A1; US8863896B1; GB2562263A; CN109357141A; US2011275302A1; CN111237225A; JP2016509640A; GB2512181B; WO2014111679A1; WO2012160219A1; DE102012208300A1; US11655712B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1050684 A2 20001108; **EP 1050684 A3 20020327**; **EP 1050684 B1 20051109**; AT E309469 T1 20051115; DE 19920513 A1 20001109; DE 50011539 D1 20051215; DK 1050684 T3 20060320; ES 2253153 T3 20060601

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