

Title (en)

Fan

Title (de)

Lüfter

Title (fr)

Ventilateur

Publication

EP 1158177 B1 20060329 (FR)

Application

EP 01401157 A 20010504

Priority

FR 0006558 A 20000523

Abstract (en)

[origin: EP1158177A1] The fan for mounting in a cooling tunnel includes a pair of funnels (1) fixed on one surface of a support disc (2) which is mounted to rotate about a vertical axis (XX). The funnels have their wide inlet openings (4) arranged radially so that a current of air which enters the funnels is accelerated and driven out through the small output openings (5). The fan for mounting in a cooling tunnel includes a pair of funnels (1) fixed on one surface of a support disc (2) which is mounted to rotate about a vertical axis (XX). This disc is associated with a hub (3) and drive mechanism. The funnels have their wide inlet openings (4) arranged radially so that a current of air which enters the funnels is accelerated and driven out through the small output openings (5). The current from the output openings is directed downwards. The speed of rotation is chosen to ensure a high degree of thermal transfer as products move underneath them in the tunnel.

IPC 8 full level

F04D 29/28 (2006.01); **F04D 29/30** (2006.01)

CPC (source: EP US)

F04D 29/281 (2013.01 - EP US); **F04D 29/30** (2013.01 - EP US)

Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1158177 A1 20011128; **EP 1158177 B1 20060329**; AT E321948 T1 20060415; AU 4612001 A 20011129; AU 780894 B2 20050421; CA 2348123 A1 20011123; DE 60118318 D1 20060518; DE 60118318 T2 20061130; ES 2261361 T3 20061116; FR 2809481 A1 20011130; FR 2809481 B1 20020816; US 2002124589 A1 20020912; US 6446457 B1 20020910

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