

Title (en)

Mounting arrangement for a radial fan for a suction hood

Title (de)

Verbindungsanordnung für ein Radialgebläse einer Dunstabzugshaube

Title (fr)

Système de montage d'un ventilateur pour une hotte

Publication

EP 2778428 A3 20180404 (DE)

Application

EP 14157261 A 20140228

Priority

DE 102013204140 A 20130311

Abstract (en)

[origin: EP2778428A2] The connection assembly has a fan wheel and a shaft (18) for driving the fan wheel. The shaft has a screw thread which is screwed into the corresponding screw thread of the fan wheel. A shoulder subsequent to the screw thread of shaft is engaged in a corresponding shoulder of the fan wheel. The radial portions of the shoulder and the corresponding shoulder of fan wheel are in axial engagement with each other. An independent claim is included for vapor fume hood.

IPC 8 full level

F04D 29/02 (2006.01); **F04D 29/26** (2006.01); **F04D 29/28** (2006.01)

CPC (source: EP)

F04D 29/023 (2013.01); **F04D 29/263** (2013.01); **F04D 29/282** (2013.01)

Citation (search report)

- [X] JP S5136602 A 19760327 - HITACHI LTD
- [XI] JP S5289703 U 19770705
- [I] FR 2324203 A7 19770408 - SISME ITALIANA STATORI MOTORI [IT]
- [A] US 4832573 A 19890523 - DORSKI RONALD L [US]
- [X] WO 0057064 A1 20000928 - TURK ELEKTRIK ENDUSTRISI AS [TR], et al
- [X] GB 983101 A 19650210 - FIRTH CLEVELAND LTD

Cited by

US10458661B2; EP3228875A1; CN107269591A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2778428 A2 20140917; **EP 2778428 A3 20180404**; **EP 2778428 B1 20200826**; CN 104047887 A 20140917; DE 102013204140 A1 20140911; PL 2778428 T3 20210406

DOCDB simple family (application)

EP 14157261 A 20140228; CN 201410087238 A 20140311; DE 102013204140 A 20130311; PL 14157261 T 20140228