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(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

Note: Bibliography reflects the latest situation

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- (22) Date of filing: **17.03.1998**

(54) **Upright vacuum cleaner with cyclonic airflow**

Stielstaubsauger mit Zyklonabscheider

Aspirateur du type balai à cyclone

- | | |
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| (84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE | <ul style="list-style-type: none">• Thur, Charles J.
Ohio 44147 (US)• Latimer, Brett A.
Ohio 44060 (US)• Stephans, Paul D.
Ohio 44125 (US) |
| (30) Priority: 09.01.1998 US 4999 | |
| (43) Date of publication of application:
14.07.1999 Bulletin 1999/28 | (74) Representative: Kador & Partner
Corneliusstrasse 15
80469 München (DE) |
| (60) Divisional application:
06000399.3 / 1 661 501 | (56) References cited:
WO-A-84/02282 GB-A- 2 280 388
US-A- 5 230 722 US-A- 5 287 591
US-A- 5 593 479 |
| (73) Proprietor: Royal Appliance Mfg. Co.
Glenwillow, OH 44139 (US) | |
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Ohio 44224 (US) | |

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