United States Patent [19] Busalt

VACUUM CLEANER [54]

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- [73] Assignee: Rowenta-Werke GmbH, Offenbach am Main, Fed. Rep. of Germany
- [**] Term: 14 Years
- Appl. No.: 697,809 [21]

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[22] Filed: Feb. 4, 1985

D. 280,143	8/1985	Berfield et al I	032/21
D. 286,695	11/1986	Nupp I	032/21
4,299,007	11/1981	Hug	15/323
4,545,794	10/1985	Himukai 15,	/327 E
4,554,700	11/1985	Lyman	15/323

Date of Patent: ** Nov. 17, 1987

Des. 292,833

OTHER PUBLICATIONS

Housewares, Apr. 21–27, p. 17, 1979, Douglas Vacuum Cleaner.

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[30] Foreign Application Priority Data

Aug. 21, 1984 [DE] Fed. Rep. of Germany 5 MR 10 552

[52] [58] D32/31-34; 15/319, 324-325, 327 R, 327 F,

327 D, 327 E, 339-340, 346

[56] **References** Cited U.S. PATENT DOCUMENTS

D. 248,303	6/1978	Pearman, Jr D32/21
D. 270,865	10/1983	Moine D32/21
D. 279,614	7/1985	Essex D32/21

CLAIM

Patent Number:

[11]

[45]

[57]

The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is top, front and side perspective view of a vacuum cleaner showing my design; FIG. 2 is a side elevational view thereof, the opposite side being a mirror image; FIG. 3 is a bottom plan view thereof; FIG. 4 is a front elevational view thereof; FIG. 5 is a rear elevational view thereof; and FIG. 6 is a top, rear and side perspective view thereof.



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Fig. 1





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Eig. 2

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Eig. 3





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Eig. 5

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