

Title (en)
ADJUSTABLE PULSATOR

Title (de)
VERSTELLBARER PULSATOR

Title (fr)
PULSATEUR REGLABLE

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Abstract (en)
[origin: US5720107A] PCT No. PCT/EP94/03639 Sec. 371 Date Jul. 25, 1995 Sec. 102(e) Date Jul. 25, 1995 PCT Filed Nov. 5, 1994 PCT Pub. No. WO95/17113 PCT Pub. Date Jun. 29, 1995 The invention is directed to an air-moving pulsator (12) for an electric hair dryer (10) which, for the purpose of creating a pulsing action in the air stream, includes a rotor (20, 41) rotatably supported in a substantially tubular housing portion (13) and having an impeller (11) adapted to be impacted by the air stream exiting from the hair dryer (10), wherein there is arranged upstream of the rotor (20, 41), as seen when looking in the discharge direction of the air stream, a stator (38) provided with selectively moveable vanes for varying the pulsation frequency and adapted to impart rotation to the air stream about its axis. In a preferred embodiment, stator (38) is provided with air-directing blades (28) pivotally mounted on radially oriented spokes (26), and the air-directing blades (28) carry cam follower pins (31) at the ends of arms (29). A cam ring (32) is rotatably secured by outer ring (33) on the housing portion (13) and has helical camming slots (36) to cam the pins (31).

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