

Title (en)

WHIRLPOOL BATHTUB WITH DEVICES FOR GENERATING WATER AND/OR AIR JETS.

Title (de)

WHIRLPOOL-BADEWANNE MIT EINRICHTUNGEN ZUM ERZEUGEN VON WASSER- UND/ODER LUFTSTRAHLEN.

Title (fr)

BAIGNOIRE A REMOUS AVEC DISPOSITIFS DE GENERATION DE JETS D'EAU ET/OU D'AIR.

Publication

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Application

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Abstract (en)

[origin: US5386598A] PCT No. PCT/EP92/01694 Sec. 371 Date May 3, 1993 Sec. 102(e) Date May 3, 1993 PCT Filed Jul. 25, 1992 PCT Pub. No. WO93/04656 PCT Pub. Date Mar. 18, 1993. A whirlpool bathtub having devices for generating jets of water and/or air which can be supplied to the tub interior at a plurality of places of the tub wall. An individual device, capable of being powered for generating a water and/or air jet, is installed in an opening in the tub wall and is charged with propulsive power from the outside of the tub. Each device has a pump housing with a pump chamber in which an impeller wheel is disposed on a rotatably seated drive shaft extending perpendicularly to the tub wall. The pump chamber is covered towards the tub interior with a triangular nozzle screen. The impeller wheel aspirates water axially from the tub interior through centered aspiration openings of the nozzle screen and returns it through at least one conduit originating in the pump chamber back into the tub interior. The conduit starts at the portion of the pump chamber which encloses the impeller wheel around its periphery. The impeller wheel has radially directed feed conduits extending from the axial aspiration opening. The part of the pump chamber having the conduit is embodied as a separate adjustment part, which is rotatable to at least a limited degree with respect to a housing base part disposed, fixed against relative rotation, in an opening in the tub wall and the conduit itself forms a jet outlet opening.

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