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**Declarations under Rule 4.17:**

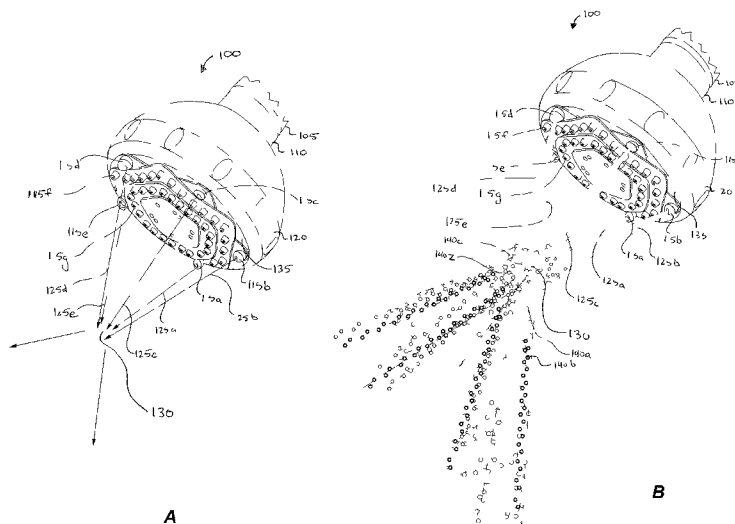
- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Hi))

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- with international search report

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9 October 2008

(54) **Title:** CONVERGING SPRAY SHOWERHEAD



(57) **Abstract:** Showerheads with two or more nozzles configured to deliver water streams that converge at one or more regions. Prior to convergence, the converging water streams may generally retain a recognizable shape determined by the type of nozzle. Upon convergence, at least portions of the converging water streams may substantially disperse into multiple individual water droplets. The nozzles, or a face plate or other components joining the nozzles to a showerhead, may be selectively movable to selectively move the region or regions of convergence closer to or further away from the showerhead, or to convert the nozzles from delivering converging streams to delivering non-converging streams or vice versa. Some showerheads may further include other nozzles for delivering water from the showerhead in other modes, such as a high pressure mode, a pulsating mode, a mist mode, and so on.

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INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **A62C 31/02**( 2006.01),B05B **1/04**( 2006.01)

USPC 239/566,589,593,594

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
U.S. 239/566, 589, 593, 594

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,297,739 A (ALLEN) 29 March 1994 (29.03 1994), see entire document.	1-18
Y	US 3,342,419 A (WEESE) 19 September 1967 (19 09. 1967), see entire document.	1-18

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	
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