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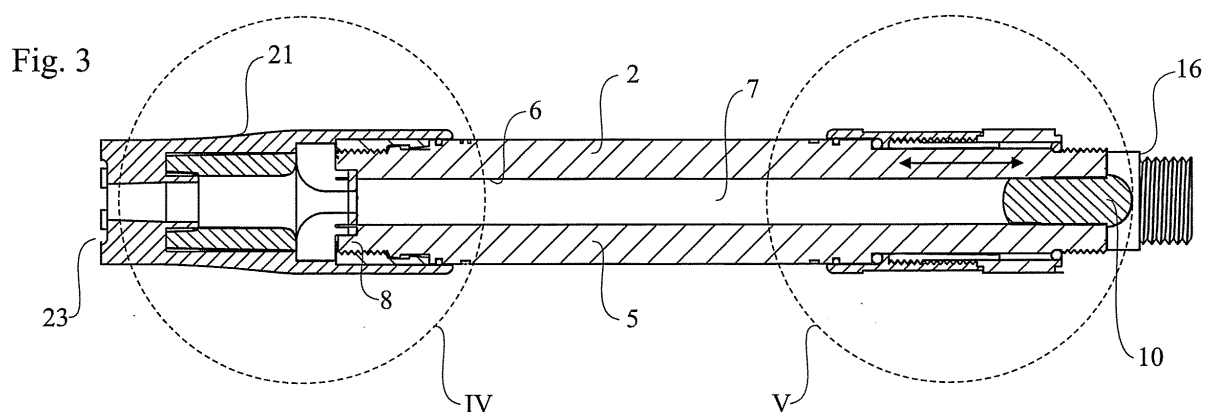
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(54) **Vortex tube**

(57) The invention relates to a vortex tube (1) for the generation of cold air. The vortex tube comprises a tube body (2) with a wall (5), the inner wall surface (6) of which forms a channel (7) with a circular-cylindrical cross section. A vortex generator (8) is arranged in a first end (9) of the channel (7) and a flow limiting body (10) is arranged in a second end (11) of the channel (7). One or several outlet/s (12) for hot air is/are arranged at the second end

(11) of the channel (7). The vortex generator (8) has an opening (13) through which cold air may leave the channel. A conduit (14) for the supply of compressed air to the vortex generator (8) runs through the wall (5) of the tube body (2) in parallel with the inner channel (7) from a rear end (3) of the tube body (2) up to an inlet (15) to the vortex generator (8).





EUROPEAN SEARCH REPORT

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EP 09 15 6855

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 October 2014	Examiner de Graaf, Jan Douwe
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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