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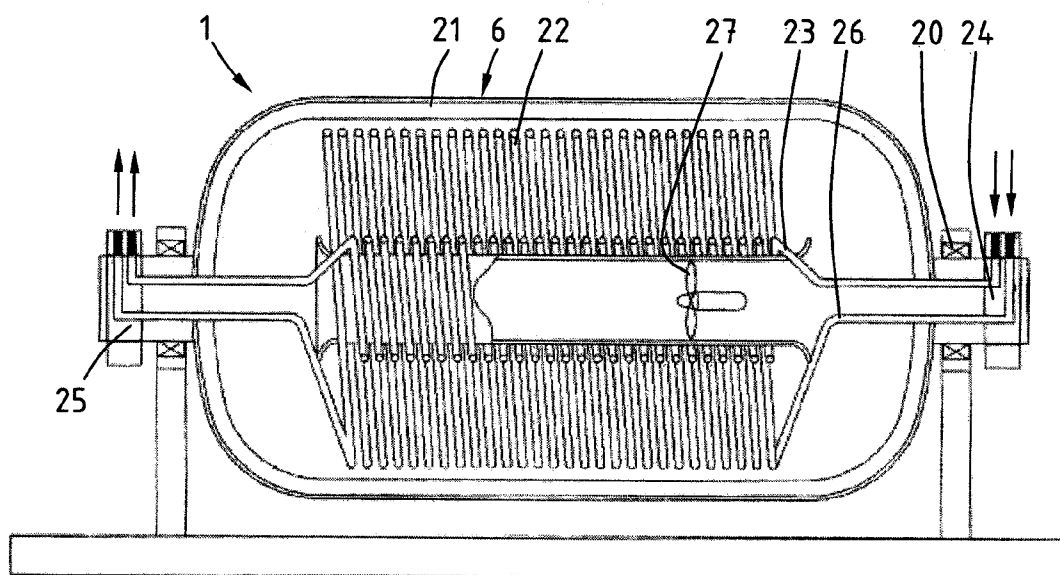


Fig.4

(57) Abstract: The invention relates to a process of transferring heat from a first relatively cold medium (23) to a second relatively hot medium (22), comprising the steps of rotating a contained amount (6) of a compressible fluid about an axis of rotation, thus generating a radial temperature gradient in the fluid, and heating the second medium (22) by means of the fluid in a section of the fluid relatively far from the axis of rotation. The invention also pertains to an apparatus for carrying said process.

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