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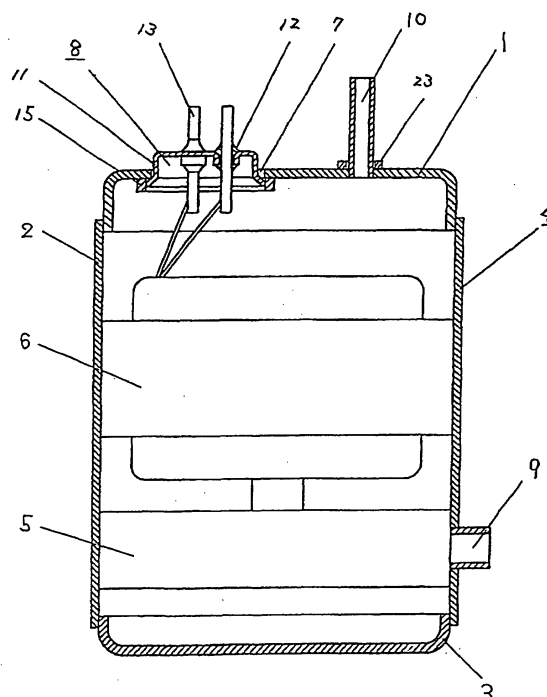
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(54) **Sealed type compressor**

(57) An attempt has been made to prevent damage of a hermetic terminal and to improve pressure-resistance strength of the welded joint of connecting pipes in order to provide a sealed housing 4 having a pressure-resistance strength high enough to allow use of a high-pressure alternative refrigerant. For this purpose, ring-shaped metal members 15 and 23 are welded to the outer peripheries of the welded joints of a hermetic terminal 8 to be hermetically welded to an upper end plate 1 of a sealed housing 4 and a discharge pipe 10. As a result, in the event the internal pressure of the sealed housing 4 increases and the upper end plate 1 deforms in the shape of a sphere, the ring-shaped metal member 15 on the outer periphery of the welded joint of the hermetic terminal 8 suppresses the deformation of the hermetic terminal 8 thus preventing damage of a glass seal 12 of the hermetic terminal 8, and the ring-shaped metal member 23 on the outer periphery of the welded joint of the discharge pipe 10 decreases the tensile stress produced in the welded joint of the discharge pipe 10 thus improving the pressure-resistance strength of the connecting section of the discharge pipe 10 thereby providing a sealed type compressor having a sealed housing 4 with a sufficiently high pressure-resistance strength.

Fig 1





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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 26 November 2003	Examiner Kapoulas, T
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