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(54) **Transformer system**

(57) To improve the cooling efficiency of a transformer operated in a wind power station, according to the present invention there is provided a cooling system. The cooling system comprises a transformer guard housing 10 having a first opening 12 for supply of a transformer cooling medium and having a second opening 14 for discharge of the transformer cooling medium. Further, a first channel system 20 supplies the transformer cooling medium to the transformer guard housing 10. A second channel system 22 discharges the transformer cooling medium from the transformer guard housing 10. Through the provision of the inventive cooling system, a controlled flow of cooling medium to the transformer accommodated in the transformer guard housing 10 increases operative efficiency of the installation.

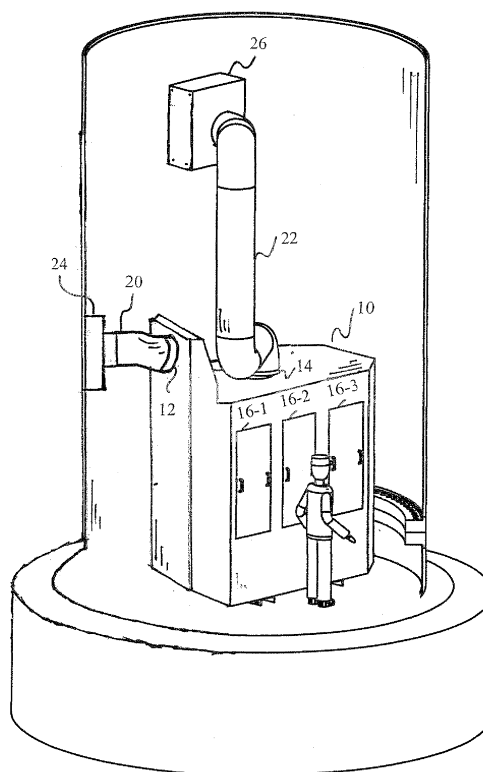


Fig. 3