

ABSTRACT

DEODORIZER USING OZONE AND REFRIGERATOR WITH THE SAME

A deodorizer used in a refrigerator with a circulation path
5 through which cold air is circulated includes a first chamber
(57) into which the cold air circulated in the refrigerator is
disallowed to flow, a second chamber (59) into which the cold
air circulated in the refrigerator is allowed to flow, a step-up
transformer (58) disposed in the first chamber (57), an ozonizing
10 electrode (60) disposed in the second chamber (59) and
electrically connected to a secondary side of the step-up
transformer (58), and an ozone decomposing catalyzer (61)
decomposing ozone produced by the ozonizing electrode (60). The
deodorizer is disposed in the circulation path in the
15 refrigerator to deodorize the circulated cold air by use of the
ozone produced by the ozonizing electrode (60).

Designated figure: FIG. 1



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