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(71) Applicant (for all designated States except US):

KJÆRULF PEDERSEN A/S [DK/DK]; Taastrupgårdsvej 8, DK-2630 Taastrup (DK).

(72) Inventor; and

(75) Inventor/Applicant (for US only): EHRHORN, Kristian [DK/DK]; Svenstrupvænget 5A, DK-5260 Odense S (DK).

(74) Agent: CHAS. HUDE A/S; H.C. Andersens Boulevard 33,

DK-1780 Copenhagen V (DK).

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(54) Title: COOLED STORING SYSTEM FOR PHOTO CATALYTIC DECOMPOSITION OF ETHYLENE

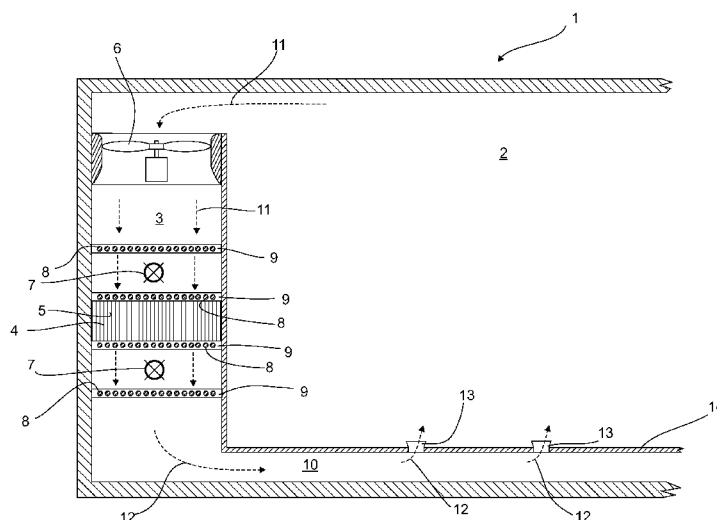


Fig. 1

(57) Abstract: The invention relates to a cooled storing system for photo catalytic decomposition of ethylene. The system is preferably a reefer container or a refrigerator and it comprises a cooling unit with an evaporator, and means for providing airflow inside the system. The system further comprises at least one UV-source and TiO₂ coated on at least part of the surface of the evaporator. The UV-source is arranged so that light emitted there- from falls on said surface provided with TiO₂ whereby an active surface for photo catalysis is provided. The invention further relates to a method for cleaning the air inside a cooled storing system, said method comprising photo catalytic decomposition of organic compounds contained in a cooled storing system.