ABSTRACT

RELEASE OF ClO_2 GAS FROM MEDICAL DEVICE PACKAGING FILM

A multilayer medical packaging film includes a first layer and a chlorine dioxide-producing layer. The chlorine dioxide-producing layer includes a polymer composition and a plurality of chlorite ions. The chlorine dioxide-producing layer is substantially free of an energy-activated catalyst and is substantially free of an acid-releasing compound. However, the film is capable of generating chlorine dioxide when exposed to UV light and moisture.

[FIG. 1]