

# (19) United States

## (12) Patent Application Publication (10) Pub. No.: US 2005/0065313 A1 Delledonne et al.

(43) Pub. Date:

Mar. 24, 2005

(54) METHOD OF PREPARING A DIALKYL CARBONATE, AND ITS USE IN THE PREPARATION OF DIARYL CARBONATES AND POLYCARBONATES

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10/740,800 (21) Appl. No.:

(22) Filed: Dec. 22, 2003

### Related U.S. Application Data

(63) Continuation of application No. 09/682,285, filed on Aug. 14, 2001.

### **Publication Classification**

(51)	Int. Cl. <sup>7</sup>	C08G	64/00
(52)	U.S. Cl.	52	8/196

#### (57)**ABSTRACT**

Unexpected corrosion of downstream sections of a dialkyl carbonate manufacturing apparatus has been traced to alkyl chloroformate impurities, which slowly decompose to yield hydrochloric acid. An improved process and apparatus for dialkyl carbonate synthesis reduce corrosion by physically removing or chemically decomposing the alkyl chloroformate impurities within the corrosion-resistant upstream sections of the apparatus.