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

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(75) Inventors: **Daniele Delledonne**, Oleggio (IT);
Franco Rivetti, Milano (IT); **Eugene
Pauling Boden**, Scotia, NY (US);
Ganesh Kailasam, Murcia (ES); **Larry
Neil Lewis**, Scotia, NY (US); **Alberto
Nisoli**, Niskayuna, NY (US); **John Yaw
Ofori**, Niskayuna, NY (US); **Angel
Sanchez Gonzalez**, Murcia (ES);
Ignacio Vic Fernandez, Madrid (ES)

(57) **ABSTRACT**

Correspondence Address:

**OBLON, SPIVAK, MCCLELLAND, MAIER &
NEUSTADT, P.C.****1940 DUKE STREET
ALEXANDRIA, VA 22314 (US)**

(73) Assignee: **POLIMERI EUROPA S.p.A.**, Brindisi
(IT)

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.