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# United States Patent [19]

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DeSimone et al.

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[54] **METHOD FOR OLEFIN OXIDATION**

|           |        |                        |           |
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[21] Appl. No.: **593,838**

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[22] Filed: **Jan. 30, 1996**

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[51] **Int. Cl.**<sup>6</sup> ..... **C08F 4/28**; C08F 2/48;  
C08F 14/18

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[52] **U.S. Cl.** ..... **522/5**; 522/79; 522/178;  
522/181; 522/184; 522/185; 522/186; 522/187;  
522/189; 524/795; 526/235; 526/245; 526/246;  
526/247; 526/250; 526/255

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[58] **Field of Search** ..... 522/187, 181,  
522/184, 185, 186, 189, 178, 79, 5; 524/795;  
526/235, 245, 246, 247, 250, 255

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**ABSTRACT**

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[57]

A process for making oxidized olefins is disclosed. Specifically, the process comprises providing an olefin and oxygen in combination in a reaction medium comprising carbon dioxide, and then oxidizing the olefin in the reaction medium to make the oxidized olefin. Preferably, a perfluoropolyether is produced by the process.

**26 Claims, No Drawings**