United States Patent [19]

Jensen

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[54] **METHOD FOR PREPARING CLEAR POLYORGANOSILOXANE ELASTOMERS**

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[52] **U.S. Cl.** **524/714**; 524/262; 524/263; 524/588; 524/860; 524/865; 524/866; 524/861; 524/862

[58] **Field of Search** 524/862, 861, 860, 865, 524/866, 588, 262, 263, 714

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[57] **ABSTRACT**

Compositions yielding optically clear silicone elastomers are obtained by preparing a homogeneous mixture comprising a liquid polydiorganosiloxane containing at least two vinyl or other ethylenically unsaturated radicals per molecule and a finely divided silica filler treated with a hexaorganodisilazane and then adding additional hexaorganodisilazane in an amount equal to at least 5 percent of filler weight. The blending is preferably carried out using a high rate of shear and volatile materials are removed by heating the composition under reduced pressure.

10 Claims, No Drawings