United States Patent [19]

Hara et al.

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[54] **SILICONE COMPOSITION FOR RENDERING SURFACES NON-ADHERENT**

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[52] **U.S. Cl.** **528/15;** 528/31; 528/32; 525/478

[58] **Field of Search** 528/32, 15, 31; 525/478

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,900,617 8/1975 Grenoble 427/387
4,057,596 6/1974 Takamizawa 427/387
4,071,664 1/1978 Grenoble 427/302
4,689,384 8/1987 Kondow et al. 528/32
4,721,764 1/1988 Fujiki et al. 528/32

FOREIGN PATENT DOCUMENTS

1374792 11/1974 United Kingdom .

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[57] **ABSTRACT**

A solvent-free releasing silicone composition for rendering surfaces non-adherent which gives a cured film having desirable slip factor, toughness, and high-speed peel characteristics without sacrificing its inherenty merits such as curability, uniformity in peel resistance, and the residual adhesive strength employs a diorganovinylpolysiloxane having trivinylsilyloxy as one end group and either a vinyldimethylsilyl or trimethylsilyl group as the other end group.

15 Claims, No Drawings