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DeYoung et al.

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[54] **METHOD OF DYEING SUBSTRATES IN CARBON DIOXIDE**
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Related U.S. Application Data

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[51] **Int. Cl.**⁷ **D06P 5/00**; D06P 1/52
[52] **U.S. Cl.** **8/474**; 8/475; 8/495; 8/552; 8/581; 8/615; 8/654; 8/532; 8/917; 8/918; 8/922; 8/676
[58] **Field of Search** 8/474, 475, 618, 8/916-927, 637, 676, 654, 657, 495, 581, 615, 552, 532

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[57] **ABSTRACT**

A method of dyeing a substrate in carbon dioxide comprises the steps of (a) providing a dye composition comprising carbon dioxide, a dye, and a surfactant, the surfactant included in an amount sufficient to solubilize, emulsify or disperse the dye in the carbon dioxide; and then (b) dyeing said substrate with said dye composition.

54 Claims, No Drawings