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Slavin

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[54] **MATERIAL PROCESSING APPARATUS**

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[51] **Int. Cl.**[3] **G03B 3/06;** F16K 11/06

[52] **U.S. Cl.** **354/299;** 354/307; 354/323; 354/324; 137/554; 137/625.11

[58] **Field of Search** 354/307, 323, 324, 299, 354/325, 326; 137/554, 625.11, 625.41, 625.46, 625.18; 118/429

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,508,483	4/1970	Weider et al.	354/323
3,570,314	3/1971	Wagner	137/625.11
3,752,167	8/1973	Makabe	137/625.11
3,868,715	2/1975	Slavin	354/298
3,892,197	7/1975	Kinney et al.	118/429
3,972,350	8/1976	Pickett	137/625.11

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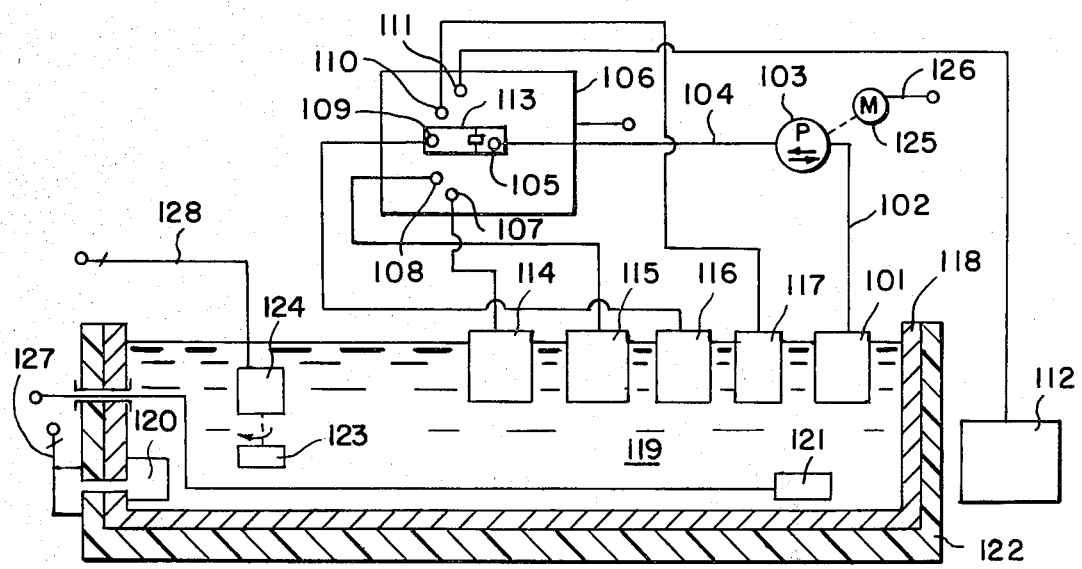
[57] **ABSTRACT**

A system for selectively dispensing and/or mixing or otherwise utilizing materials contained in respective storage tanks, including a material conveyance means, such as a pump, and a specialized selector valve programmably controllable to supply the materials to one or more processing containers in desired quantities and in a desired sequence.

41 Claims, 13 Drawing Figures