# United States Patent

[11] 3,608,083


[72] Inventors **Raymond Howard Bunnell Branchville; Marco Alfred Cannalonga, Fort Lee, both of N.J.**



[21] Appl. No. **734,540**
[22] Filed **June 5, 1968**
[45] Patented **Sept. 21, 1971**
[73] Assignee **Hoffmann La Roche Inc. Nutley, N.J.**


[54] **VITAMIN E POWDER**
**4 Claims, No Drawings**


[52] **U.S. Cl.** ..... **424/284**
[51] **Int. Cl.** ..... **A61k 15/10**
[50] **Field of Search** ..... 424/284, 360; 167/81 E, 344; 260/117, 999



[56] **References Cited**

UNITED STATES PATENTS

| | | | |
|---|---|---|---|
| 3,024,167 | 3/1962 | Damaskus | 260/117 |
| 3,028,308 | 4/1962 | Zambito et al. | 260/117 |
| 3,124,510 | 3/1964 | Rosenberg | 424/360 |
| 3,137,630 | 6/1964 | Hecker et al. | 260/117 |
| 3,138,532 | 6/1964 | Aiello et al. | 424/284 |
| 3,291,611 | 12/1966 | Krajewski | 260/117 |



*Primary Examiner*—Stanley J. Friedman
*Assistant Examiner*—Norman A. Drezin
*Attorneys*—Samuel L. Welt, Jon S. Saxe, Bernard S. Leon and Gerald S. Rosen



**ABSTRACT:** High potency vitamin E powders, suitable for use in tablets and capsules are produced by spray drying an emulsion of a vitamin E active compound and a gelatin hydrolysate having very low Bloom.