

United States Patent [19]

Rotman

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[54] **SUSTAINED RELEASE TABLETS MADE FROM MICROCAPSULES**

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[51] Int. Cl.⁴ **A61K 9/50; A61K 9/28; A61K 9/26; A61K 9/22**

[52] U.S. Cl. **424/465; 424/468; 424/469; 424/470; 424/489; 424/490**

[58] Field of Search **424/16, 32, 33, 35, 424/21, 465, 468, 469, 470, 489, 490; 514/963**

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[57] **ABSTRACT**

A tablet for oral administration of a sustained-release medication is formed by compressing microcapsules of the active principle. The microcapsules are of a size range between about 5 and 300 microns and comprise particles of active principle coated with a thin, flexible layer of sustained release material. The sustained-release material contains about 15-30% by weight thereof of plasticizer and is coated in an amount corresponding to 10-25% of the weight of the active material. Excipients causing disintegration of the tablet after administration can be uniformly mixed with the microcapsules prior to compression.

6 Claims, 1 Drawing Figure