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- [54] ENTERIC COATED PHARMACEUTICAL COMPOSITIONS
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- [58] Field of Search 424/459, 490, 480, 486, 424/461, 462, 494, 497; 546/206

FOREIGN PATENT DOCUMENTS

- 0375156 6/1990 European Pat. Off. .
- 1483423 8/1977 United Kingdom .
- 2057876A 4/1981 United Kingdom .

OTHER PUBLICATIONS

- Stafford, J. W., Drug Dev. Ind. Pharm., 8(4), 513-530 (1982).
- Bloor, J. R., et al., Drug Dev. Ind. Pharms., 15(14-16), 2227-2243 (1989).

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[56] References Cited
 U.S. PATENT DOCUMENTS

4,017,647	4/1977	Ohno	424/463
4,346,227	8/1982	Terahara	549/292
4,524,060	6/1985	Mughal	424/459
4,728,512	3/1988	Mehta	424/458
4,794,001	12/1988	Mehta	424/458
4,808,413	2/1989	Joshi	424/458
4,857,522	8/1989	DiPietro	546/206
4,994,279	2/1991	Aoki	424/490
5,026,559	6/1991	Eichel	424/490
5,026,560	6/1991	Makino	424/490

[57] ABSTRACT

An enteric coated pharmaceutical composition is provided which includes a medicament which is sensitive to a low pH environment of less than 3, such as prava-statin, which composition is preferably in the form of pellets which includes an enteric coating formed of neutralized hydroxypropylmethyl cellulose phthalate, plasticizer and anti-adherent. The so-coated pellets have good resistance to deterioration at pH less than 3 but have good drug release properties at greater than 3.

33 Claims, 1 Drawing Sheet

