

## (12) United States Patent Rau et al.

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# (54) EFFERVESCENT TABLETS/GRANULES

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- (51) **Int. Cl.** (2006.01)A61Q 19/10 A23L 2/395 (2006.01)A23L 2/40 (2006.01)A61K 8/19 (2006.01)A61K 8/362 (2006.01)

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Field of Classification Search (58)See application file for complete search history.

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#### (57)**ABSTRACT**

This invention provides an effervescent solid form that dissolves in cold water quickly enough to not disappoint consumers yet not so quickly that the visual interest generated during the effervescent reaction is lost. This performance is achieved by forming effervescent particles that are dense enough to retard dissolution and small enough to not take too long to dissolve. The aim of this invention is to provide a beverage in solid effervescent form that takes between about 30 and about 120 seconds to dissolve in warm water. The granules may carry functional additives such as flavors, vitamins, minerals, sweeteners, colors and drugs. The granules may also be compounded of materials intended to provide relief from skin or topical discomfort, as in the form of a wash or bath additive. The granules may also be formulated to provide cleaning agents, such as ceramic cleaners and denture cleaners.

## 13 Claims, No Drawings