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**Kamen**

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(54) **SYSTEM AND METHOD FOR DRUG PREPARATION AND DELIVERY**

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See application file for complete search history.

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(57) **ABSTRACT**

A disposable cassette for mixing a drug in a vial includes a liquid inlet for connection to a liquid supply, a first vial spike, a second vial spike, a chamber and a valve mechanism. The chamber, the first and second vial spikes, and the liquid inlet are in fluid communication with each other. The valve mechanism may be actuated to control flow between the chamber, the vial receptacles and the liquid inlet.

**27 Claims, 7 Drawing Sheets**

