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**Falco**

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(54) **MATERIAL DELIVERY APPARATUS FOR CONTROLLED DELIVERY OF FOAM INTO A MIXER FOR PRODUCING FOAM CONCRETE**

(71) Applicant: **Paul Michael Falco**, Lakewood Ranch, FL (US)

(72) Inventor: **Paul Michael Falco**, Lakewood Ranch, FL (US)

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

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*Primary Examiner* — Charles Cooley

(74) *Attorney, Agent, or Firm* — Sanchelima & Associates, P.A.; Christian Sanchelima; Alexander Rodriguez

(57) **ABSTRACT**

A material delivery apparatus for delivering foam into a mixer of a ready-mix truck comprising an elongated bar, a support arm, a guide tube and a delivery tube is disclosed. There is a foam tube having one end mounted to the delivery tube and another end mounted to a foam generator. The delivery tube slides within the guide tube. There is a cable mounted to the delivery tube and to a motor reel on an opposite end. Included is a control panel communicatively coupled to the motor reel and the foam generator. The mixer of a ready-mix truck is aligned underneath the delivery tube. The controller is operated to control volume and rate at which foam is to be delivered by the foam generator. The delivery tube is positioned to accurately delivery the foam in the mixer to mix the foam with concrete to produce foam concrete.

**12 Claims, 6 Drawing Sheets**

