



US010960429B2

(12) **United States Patent**
Harris et al.

(10) **Patent No.:** **US 10,960,429 B2**
(45) **Date of Patent:** **Mar. 30, 2021**

- (54) **HOT MELT DELIVERY SYSTEM**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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- (21) Appl. No.: **16/506,262**
- (22) Filed: **Jul. 9, 2019**

- WO WO1989/005278 6/1989
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- WO WO2016/130972 8/2016

- (65) **Prior Publication Data**
- US 2020/0009604 A1 Jan. 9, 2020

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Related U.S. Application Data

- (60) Provisional application No. 62/695,427, filed on Jul. 9, 2018.

(57) **ABSTRACT**

- (51) **Int. Cl.**
B05C 5/00 (2006.01)
B05C 11/10 (2006.01)
B29B 13/02 (2006.01)
B29K 105/00 (2006.01)
- (52) **U.S. Cl.**
CPC **B05C 11/1042** (2013.01); **B05C 5/001** (2013.01); **B29B 13/022** (2013.01); **B29K 2105/0097** (2013.01)

A hot melt delivery system includes a frame and a suspension device attached to the frame. The suspension device is configured to hang a hot melt storage container. The hot melt delivery system includes a vibratory feeder spaced below and from the suspension device. The vibratory feeder includes an inlet that is configured to receive hot melt material from the hot melt storage container. The vibratory feeder includes an outlet that is configured to deliver hot melt material to a melter. The vibratory feeder includes a vibration device that is configured to vibrate at least a portion of the vibratory feeder. A flow of hot melt material between the inlet and the outlet of the vibratory feeder is controllable.

- (58) **Field of Classification Search**
CPC ... B05C 11/1042; B05C 5/001; B29B 13/022; B29K 2105/0097
See application file for complete search history.

20 Claims, 4 Drawing Sheets

