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**Fargo**

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(54) **ROPELESS ELEVATOR SYSTEM AND A TRANSFER SYSTEM FOR A ROPELESS ELEVATOR SYSTEM**

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(52) **U.S. Cl.**  
CPC ..... **B66B 9/003** (2013.01); **B66B 11/0407** (2013.01)

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

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(57) **ABSTRACT**

A ropeless elevator system includes a first lane, a second lane disposed adjacent to the first lane, and an elevator car moveable within each of the first lane and the second lane. A transfer system is configured to facilitate movement of the elevator car from one of the first lane and the second lane to the other of the first lane and the second lane. The transfer system includes a first transfer assembly arranged in at least one of the first and second lanes. The first transfer assembly is configured to guide the elevator car out of the one of the first and second lanes. A transfer station includes a second transfer assembly configured to receive the elevator car from the first transfer assembly. The second transfer assembly extends between the first and second lanes.

**11 Claims, 8 Drawing Sheets**

