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(19) **United States**(12) **Patent Application Publication**
RETALI(10) **Pub. No.: US 2023/0232225 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **METHOD OF SECURING RADIO
COMMUNICATION BETWEEN AN
AIRCRAFT AND A RAMP AGENT**(52) **U.S. Cl.**CPC *H04W 12/068* (2021.01); *H04W 76/10*
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ABSTRACT(72) Inventor: **Dominique RETALI,
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A method of securing radio communication between a ramp agent and an aircraft provided with a base station adapted to transmit a beacon signal includes establishing a first database identifying organizations such as aircraft operators and authorized service providers; for each organization, establishing a second database identifying the ramp agents that it employs and associating biometric data with each ramp agent; providing the ramp agent with a terminal; and when attempting to establish communication between the ramp agent and the aircraft, performing two checks relating firstly to the identity of the ramp agent and secondly to the ramp agent's employer organization in order to verify whether the agent is indeed authorized to establish such communication.

