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(54) **LUGGAGE LOCKING DEVICE AND
BAGGAGE HANDLING METHOD**

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(51) **Int. Cl.**

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E05B 65/00 (2006.01)

(57) **ABSTRACT**

Disclosed herein is an electronic luggage locking device and airline baggage handling method mainly characterized by ease-of-use, enhanced security and efficiency by utilizing proximity access-gaining and authentication technologies, a plurality of sensors, embedded electronic storage and retrieval of luggage information. The luggage locking device is incorporated with an electronic communication system enables interactions with other sensor modules within the luggage, external smart devices and airline transport systems to form an unitary baggage handling system. The baggage handling system contents a method using application software and capable of indicating and communicating the said luggage information and locational identification within an airline transport systems.

(52) **U.S. Cl.**

CPC **G07C 9/00309** (2013.01); **E05B 65/0092** (2013.01); **H04B 5/0025** (2013.01); **G07C 2009/00769** (2013.01)

(58) **Field of Classification Search**

None
See application file for complete search history.

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23 Claims, 5 Drawing Sheets

