

Title (en)
SMART ENTRYWAY

Title (de)
INTELLIGENTER EINGANG

Title (fr)
ENTRÉE INTELLIGENTE

Publication
EP 3845730 A1 20210707 (EN)

Application
EP 20216519 A 20201222

Priority
KR 20200000418 A 20200102

Abstract (en)
A smart entryway includes an entrance door assembly configured to allow users (e.g., residents) to enter and exit a first space (e.g., a residence) and a storage assembly configured to allow secondary users (e.g., deliverymen) in a second space (e.g., a porch) to store items for later retrieval by the users. A portion of the storage assembly may be optionally refrigerated or heated. A security assembly is provided between the entrance door assembly and the storage assembly. The security assembly includes an authentication device to authenticate users and secondary users and a locking device to unlock the storage assembly and the entrance door assembly upon authentication. The locking device is provided behind the authentication device and concealed from the second space. When a first door of the storage assembly accessible from the first space is opened, a second door of the storage assembly accessible from the second space is locked.

IPC 8 full level
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CPC (source: CN EP KR)
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Citation (applicant)
• KR 20200000418 A 20200102 - SAMSUNG ELECTRONICS CO LTD [KR]
• KR 200357547 Y1 20040727
• KR 100809044 B1 20080303 - ORIENTAL INTEGRATED ELECTRONIC [KR]

Citation (search report)
• [YA] NL 1016630 C2 20020531 - SIEMENS NEDERLAND [NL]
• [YA] FR 2772810 A3 19990625 - BROGGER [FR]
• [YA] JP 2017066668 A 20170406 - SANWA SHUTTER CORP
• [A] BE 1015490 A3 20050503 - NIKO NV [BE]
• [A] WO 2018229348 A1 20181220 - POSTM8 OY [FI]

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