

Title (en)  
AUTOMATIC STORAGE

Title (de)  
AUTOMATISCHES LAGER

Title (fr)  
ENTREPÔT AUTOMATIQUE

Publication  
**EP 4061748 A1 20220928 (EN)**

Application  
**EP 20889417 A 20201117**

Priority  
• FI 20195985 A 20191118  
• FI 2020050770 W 20201117

Abstract (en)  
[origin: WO2021099684A1] An automatic storage comprising a closed storage space (2) with its storage shelves (3) and shelf lockers (4) on the shelves, inserting and retrieving points (5, 6) for goods to be inserted in the storage and to be delivered from there, a robot that takes care of physical storage and retrieving of goods in the storage, as well as a control logic which controls the inserting and retrieving of goods as well as the operation of the robot, whereby the inserting and possibly also the retrieving points comprise a plurality of lockers (8) with electrically-controlled lockable doors (9) for the items being handled.

IPC 8 full level  
**B65G 1/04** (2006.01); **B07C 3/02** (2006.01); **B25J 11/00** (2006.01); **B65G 1/137** (2006.01); **B65G 1/16** (2006.01); **G06Q 10/087** (2023.01)

CPC (source: EP FI)  
**B07C 3/02** (2013.01 - FI); **B25J 11/00** (2013.01 - FI); **B65G 1/0485** (2013.01 - FI); **B65G 1/1373** (2013.01 - FI); **B65G 1/16** (2013.01 - FI); **G06Q 10/08** (2013.01 - EP); **G06Q 10/0836** (2013.01 - EP); **G06Q 10/087** (2013.01 - FI); **G07F 11/38** (2013.01 - EP); **G07F 11/62** (2013.01 - EP); **G07F 17/12** (2013.01 - EP); **B65G 1/1371** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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