

Title (en)  
MOBILE MAGAZINE

Title (de)  
MOBILES MAGAZIN

Title (fr)  
MAGAZINE MOBILE

Publication  
**EP 3332672 A1 20180613 (EN)**

Application  
**EP 16203490 A 20161212**

Priority  
EP 16203490 A 20161212

Abstract (en)  
Problem The problem to be solved is to provide a storage and picking system particularly suitable for the delivery of dry goods and packaged grocery store items. Solution The problem is solved by a mobile magazine (21) comprising a slide rail (22) slidably guided along the magazine (21), a pusher slide (23) mounted on the slide rail (22), a restraint (24) affixed to a front end of the slide rail (22), the slide (23) and the restraint (24) biased toward each other, a catch (25) affixed to the restraint (24), an identification tag (26) for identifying packaged goods (27) contained in the magazine (21), and a notch (28) for retaining the magazine (21) within a shelving unit.

IPC 8 full level  
**A47F 1/12** (2006.01); **G07F 9/10** (2006.01); **G07F 11/04** (2006.01); **G07F 11/16** (2006.01); **G07F 11/22** (2006.01); **G07F 11/42** (2006.01)

CPC (source: EP US)  
**G07F 9/105** (2013.01 - EP); **G07F 11/165** (2013.01 - EP US); **G07F 11/22** (2013.01 - EP); **G07F 11/38** (2013.01 - EP); **G07F 11/42** (2013.01 - EP)

Citation (applicant)  
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• MANLEY, CHARLES E. ET AL.: "Materials Handling Handbook", 1985, JOHN WILEY & SONS, pages: 589 - 652  
• ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING, vol. 44, 2017, pages 117 - 128  
• SALAH, BASHIR ET AL.: "Design and simulation based validation of the control architecture of a stacker crane based on an innovative wire-driven robot", ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING, vol. 44, 2017, pages 117 - 128

Citation (search report)  
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• [I] EP 2363841 A1 20110907 - AUTOMATED RETAIL CONCEPTS B V [NL]  
• [A] WO 0235484 A1 20020502 - JYPA AUTOMATATIO OY [FI], et al  
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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)  
**EP 3332672 A1 20180613**; EP 3861891 A1 20210811; EP 3861891 B1 20240131

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**EP 16203490 A 20161212**; EP 21158545 A 20161212