

Title (en)

COMPUTER-CONTROLLED, UNATTENDED, AUTOMATED CHECKOUT STORE OUTLET

Title (de)

LADENAUSGANG MIT COMPUTERGESTEUERTER, UNBEWACHTER, AUTOMATISCHER KASSE

Title (fr)

SORTIE DE MAGASIN DE CAISSE AUTOMATISÉE, SANS SURVEILLANCE, COMMANDÉE PAR ORDINATEUR

Publication

EP 2987029 A4 20161228 (EN)

Application

EP 14782367 A 20140408

Priority

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- US 2013044722 W 20130607
- US 2014033345 W 20140408

Abstract (en)

[origin: WO2014168955A2] A computer-controlled, automated checkout store outlet comprises at least one bay. A normally locked door is associated with each bay, and provides access to items within the bay by customers approved by a computer of the automated store outlet. At least one tray is disposed within at least one bay, and adapted to hold items to be stocked by the bay. A sensor system is configured to detect the removal of an item from the bay and identify the removed item, such as when a customer is removing the item for purchase.

IPC 8 full level

G06Q 20/32 (2012.01); **G03D 3/00** (2006.01); **G03D 5/00** (2006.01); **G06Q 20/40** (2012.01); **G07F 9/02** (2006.01); **G07F 11/62** (2006.01)

CPC (source: EP RU US)

A47F 9/04 (2013.01 - EP); **A47F 10/02** (2013.01 - EP); **G03D 3/00** (2013.01 - RU); **G06Q 20/203** (2013.01 - EP); **G06Q 20/32** (2013.01 - EP RU US); **G06Q 20/4014** (2013.01 - EP); **G06Q 20/40145** (2013.01 - EP); **G06Q 30/00** (2013.01 - RU); **G07F 9/001** (2020.05 - EP); **G07F 9/026** (2013.01 - EP); **G07F 11/62** (2013.01 - EP); **A47F 2010/025** (2013.01 - EP)

Citation (search report)

- [I] WO 9638798 A1 19961205 - BRUN HEIDI M [IL], et al
- [I] US 2012004769 A1 20120105 - HALLENBECK CHRIS [US], et al
- [I] US 2012200385 A1 20120809 - SAVAGE KENT V [US], et al
- See also references of WO 2014168955A2

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CN109243110A

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WO 2014168955 A2 20141016; **WO 2014168955 A3 20151105**; AU 2014251101 A1 20151105; AU 2018214056 A1 20180823; CA 2908831 A1 20141016; CN 105324714 A 20160210; CN 105324714 B 20180102; CN 108038973 A 20180515; EP 2987029 A2 20160224; EP 2987029 A4 20161228; HK 1221995 A1 20170616; JP 2016521414 A 20160721; KR 20150140359 A 20151215; MX 2015014073 A 20160428; MX 365271 B 20190528; RU 2015145843 A 20170515; RU 2015145843 A3 20180827; RU 2671767 C2 20181106

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