

Title (en)
A system for automatic cutlery dispensing

Title (de)
System zur automatischen Besteckausgabe

Title (fr)
Système de distribution automatique de couverts

Publication
EP 1864596 A3 20101215 (EN)

Application
EP 07109241 A 20070530

Priority
IT RE20060068 A 20060605

Abstract (en)
[origin: EP1864596A2] A system for automatic cutlery dispensing, comprising: a plurality of items of cutlery (10), each of which comprises an elongate gripping handle (11) which at an end thereof bears a shaped appendage (12) for holding food and/or drinks, the shaped appendage (12) projecting with respect to a surface of the gripping handle (11); a container body (2) defining a vertically-developing corridor (20) in which a stack of the items of cutlery (10) is housed and held, the stack of cutlery (10) being free to slide vertically internally of the corridor (20), the corridor (20) being inferiorly closed by a retaining surface (34, 131) which restingly receives a lowest item of cutlery (10) of the stack, placing said item close to a lateral opening (25, 25') of the container body (2), and a mobile pusher element (35, 132) which acts against a longitudinal flank of the handle (11) of the lowest item of cutlery (10) in order to cause the item to slide contacting against an item (10) superior thereto in the stack, and to expel the lowest item of cutlery (10) from the corridor (20) through the lateral opening (25, 25') of the container body (2).

IPC 8 full level
A47F 1/10 (2006.01)

CPC (source: EP)
A47F 1/106 (2013.01)

Citation (search report)
• [XAI] US 2268873 A 19420106 - HOPKINS ARTHUR C, et al
• [XII] WO 0168492 A1 20010920 - TUCKER TERENCE [US], et al
• [XAI] US 2004089670 A1 20040513 - GOEKING HAROLD J [US], et al

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CN109310220A; CN107351313A; US9924816B2; US10220997B2; US11147393B2; WO2017218521A1; WO2018007477A1; WO2010080713A3; US10898010B2; US10779661B2; US10799036B2; US9693640B2; USRE48104E; US10842293B2; US10327567B2; US10881220B2; US9943176B2; US10010195B2; US10595647B2; US10617227B2; US10881221B2

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Designated extension state (EPC)
AL BA HR MK RS

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EP 07109241 A 20070530; IT RE20060068 A 20060605