

Title (en)
Sugar and stir-stick dispenser

Title (de)
Spender für Zucker und Rührstäbe

Title (fr)
Distributeur de sucre et de bâtonnets mélangeurs

Publication
EP 1586254 A1 20051019 (EN)

Application
EP 05008318 A 20050415

Priority
IT VR20040061 A 20040416

Abstract (en)
A sugar and stir-stick dispenser, comprising a supporting structure (2) for an actuation shaft (3), which is connected kinematically to motor means (4) and is connected, through first kinematic connection means, to a sugar dispensing element (10). The dispenser has an actuation cam (5), connected in input to the actuation shaft (3) and in output, through second kinematic connection means, to a stir-stick dispensing element (20); the second kinematic connection means comprising an actuation element (6), actuatable by the actuation cam (5) and having a first actuation portion (6b), associated with a pusher (7), which is supported so as to be rotatable about a pivoting axis (7a) by the supporting structure (2) and is designed to actuate with a back-and-forth motion the stir-stick dispensing element (20) in order to dispense the stir-stick into a cup. The pusher (7) comprises a main body (7b), which is associated, through a first articulation arm (8a), with a motion receiving element (8), which can engage the first actuation portion (6b) and, by interposition of a second articulation arm (9a), is associated with a pusher portion (9), which engages the stir-stick dispensing element (20), the pusher (7) being elastically deformable by torsion about the pivoting axis (7a). <IMAGE>

IPC 1-7
A47F 1/00; **A47F 1/03**; **A47F 1/10**; **G07F 13/10**

IPC 8 full level
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CPC (source: EP)
A47F 1/00 (2013.01); **A47F 1/03** (2013.01); **G07F 11/04** (2013.01); **G07F 13/065** (2013.01)

Citation (search report)
• [A] EP 1107200 A2 20010613 - NECTA VENDING SOLUTIONS SPA [IT]
• [A] US 4266695 A 19810512 - RUPEREZ ARMANDO
• [A] DE 2339678 A1 19750220 - GEN PROPERTIES ANSTALT

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IT202100028712A1; IT202100007343A1; IT202100028715A1; EP2568449A1; ITTO20120761A1; CN102265314A; ITTO20080673A1; IT201900013083A1; WO2010029157A1; JP2012502382A; US11904488B2; WO2023067548A1; WO2018007477A1; WO2022201120A1; WO2022243853A1

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