

Title (en)
Tweezers-like gripping aid.

Title (de)
Pinzettenartige Greifhilfe.

Title (fr)
Moyen de prise semblable à une pincette.

Publication
EP 0247488 A1 19871202 (DE)

Application
EP 87107180 A 19870518

Priority
DE 3617641 A 19860526

Abstract (en)
1. Method for the skin-contact-free metering of dishwashing machine cleaning tablets in the shape of pressed powder pellets (10) formed in large format with the use of a tweezers-like gripping aid (1) with straight limbs (5) consisting integrally of elastic material and gripper surfaces (7) with straight gripper edges (3) extending transversely to the longitudinal direction (11) of the limbs, characterised thereby, that a gripping aid (1) is used, which is provided with gripper surfaces (7) bent resiliently at a damping angle (6) out of the longitudinal direction (11) of the limbs in direction each towards the other and which on compression itself yields to the pressure force initially in the region of the damping angle (6) before the pressed powder pellet (10) can be affected detrimentally at substantially higher pressure.

Abstract (de)
Eine pinzettenartige Greifhilfe (1) mit elastischen, geraden Schenkeln (5), die an ihren Greiferflächen (7) quer zur Schenkellängsrichtung (11) verlaufende gerade Greiferkanten (3) besitzt, erhält eine von aussen ausgeübte Druckkraft ausgleichende Federwirkung, wenn die Greiferflächen (7) in Richtung auf einander zu aus der Schenkellängsrichtung (11) federnd abgewinkelt sind.

IPC 1-7
B25B 9/02

IPC 8 full level
A47G 21/10 (2006.01); **A47L 15/44** (2006.01); **B25B 9/02** (2006.01)

CPC (source: EP)
A47G 21/10 (2013.01); **A47L 15/4445** (2013.01); **B25B 9/02** (2013.01)

Citation (search report)
• US 3677112 A 19720718 - KENISTON JOHN W
• DE 1802526 A1 19700527 - SAFFENREUTER GEB KROCKER CLARA
• CH 253911 A 19480415 - ROULIN GUSTAVE [CH]
• US 4463981 A 19840807 - CURRY CECIL G [US]

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WO9637135A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0247488 A1 19871202; **EP 0247488 B1 19900627**; AT E54085 T1 19900715; DE 3617641 A1 19871203; DE 3763378 D1 19900802; ES 1002535 U 19880616; ES 1002535 Y 19890201; ES 2015917 B3 19900916

DOCDB simple family (application)
EP 87107180 A 19870518; AT 87107180 T 19870518; DE 3617641 A 19860526; DE 3763378 T 19870518; ES 8701737 U 19870525; ES 87107180 T 19870518