

Title (en)
Pocket foldable toothbrush

Title (de)
Zusammenklappbare Taschenzahnbürste

Title (fr)
Brosse à dents pliable de poche

Publication
EP 2702897 A2 20140305 (EN)

Application
EP 13181899 A 20130827

Priority
IT MI20120313 U 20120829

Abstract (en)
A foldable toothbrush is disclosed, of the type comprising a work portion (L), provided with a small head (1) carrying the bristles, projecting from a neck member (2), and a handle portion (P) having a spindle-shaped body (4), between said two portions a hinge portion (3, 5) being provided, apt to allow a mutual rotation according to an axis crosswise to the longitudinal axis of the toothbrush. The spindle-shaped body handle portion (4) is solid and has, towards a distal end, a main seat imprint (6) of a shape and depth suited to precisely house said small head (1), when the work portion (L) is folded on the handle portion (P) around said hinge (3, 5); further, only in proximity of said hinge (3, 5), the spindle-shaped body (4) of said handle portion (P) has a saddle-shaped seat imprint (6a) to partly house said neck (2).

IPC 8 full level
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CPC (source: EP)
A45D 44/18 (2013.01); **A46B 5/0041** (2013.01); **A46B 2200/1066** (2013.01)

Citation (applicant)
• US 4482263 A 19841113 - PALAMARA JOSEPH P [US]
• US 5003658 A 19910402 - ROLLER DENNIS A [US]
• US 5464294 A 19951107 - CHEE RICHARD W M [SG], et al
• EP 0020268 A1 19801210 - CELLULOID SA [FR]
• GB 174874 A 19220209 - JOSEPH ERNEST MACMURRAY
• US 2657412 A 19531103 - CARLSON HENRY E

Cited by
USD936974S; EP3257398A1

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