Title (en)
Device for selective separation of toothbrush bristles

Title (de)
Vorrichtung zum Scheiden von Reihen von Zahnbürstenborsten

Title (fr)
Dispositif pour séparer des rangées de soie de brosse à dents

Publication
EP 0639340 B1 19981118 (EN)

Application
EP 94305348 A 19940720

Priority
BR 9302945 A 19930721

Abstract (en)
[origin: EP0639340A1] This invention refers to a device for selective separation of toothbrush bristles that allows the toothbrush bristles to be cut into different lengths and profiles in different selected areas. According to this invention, the device for selective separation of toothbrush bristles comprises a base (1) with fixation means (2) for a toothbrush (3) having bristles (20), and a support (6) assembled over the base (1), wherein the support (6) comprises a pair of simetrically pivoting stems (7) over a first geometric plane, the support (6) being displaceable over a portion of the base (1) along a geometric axle that is parallel to said first geometric plane, from a resting position to a position of contact betweent the stems (7) and said bristles and a cam means (4) cooperating with the respective portions of the stems (7), during at least part of said displacement of the support (6) over the base (1), in order to cause the simetrically pivoting movement of the stems (7). Additionally, this invention refers to a device for selective cutting of toothbrush bristles comprising the above mentioned device for selective separation. <IMAGE>

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IPC 8 full level
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Cited by
DE10015673B4; US5683146A; US6322152B2; BE1011998A3; DE19526933B4; BE1012152A3; CN112021772A; EP0736270A1; BE1009283A3; US5690394A; GB2286519A; GB2286519B; BE1013898A3; EP0925740A2; BE1013959A3; BE1014057A3; US6810550B1; WO0065954A1

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