

Title (en)

Multifunctional sun bed or the like with end rest surfaces rotatable through variable angles by stable-positioning articulated joints.

Title (de)

Mehrfunktionen-Sonnenliege mit durch einrastbare Gelenke verstellbaren Endteilen.

Title (fr)

Lit de bronzage multifonctionnel ou analogue, avec des surfaces de repos extrêmes pivotables, à angles différents, par des joints articulés blocables et stables.

Publication

EP 0316645 A1 19890524 (EN)

Application

EP 88118128 A 19881031

Priority

IT 294987 A 19871117

Abstract (en)

This multifunctional sun bed or the like is characterised by end rest surfaces (7, 8) rotatable through variable angles by stable-positioning articulated joints (11, 11B). Said articulated joints (11, 11B) can be different according to whether they are to be operated not only directly, but also indirectly by cable. Said directly operated joints are characterised by two wheels (35, 37; 36, 38) with conjugate flat toothing engaged with each other by the action of a cam (41; 45, 46) which overcomes the separating action of an opposition spring (39, 40) acting between them. Said indirectly operated joints are characterised by a toothed sector (12) bored (19) at its centre (16) to support a frame for a rotatable rest surface (7,8) having its end (7E, 8E) provided with a pair of teeth (20A, 20B) defining a cavity (21) coinciding with the cavities (15) of the toothed sector (12) during its angular travel, so that said cavity (15, 21) can receive a locking pin (22) for the two parts (7E, 12) which is mounted on a U-section (23) pivoted on said rest surface frame (7, 8) to enable required angular disengagement between the parts to be obtained with the aid of a cable (31).

IPC 1-7

A47C 1/14; A47C 20/04

IPC 8 full level

A47C 1/14 (2006.01); **A47C 20/04** (2006.01)

CPC (source: EP)

A47C 1/143 (2013.01); **A47C 20/043** (2013.01)

Citation (search report)

- [X] CH 217182 A 19411015 - MENZI AG ERNST [CH]
- [A] DE 1554063 A1 19691120 - PLESSEY CO LTD
- [A] FR 367084 A 19061019 - ELZEAR MICHAUD [CA], et al
- [A] DE 2355251 A1 19740522 - INPAVER AG

Designated contracting state (EPC)

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