

Title (en)

AN INTERVERTEBRAL PROSTHESIS FOR UNREMOVABLY FIXING TWO ADJACENT VERTEBRAE

Title (de)

ZWISCHENWIRBELPROTHESE ZUR FIXEN BEFESTIGUNG VON ZWEI BENACHBARTEN WIRBELN

Title (fr)

PROTHÈSE INTERVERTÉBRALE POUR FIXATION INAMOVIBLE DE DEUX VERTÈBRES ADJACENTES

Publication

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Application

EP 12715153 A 20120220

Priority

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Abstract (en)

[origin: WO2012117312A2] An intervertebral prosthesis for unremovable fixing of two adjacent vertebrae, comprising: a cage (2) insertable between two adjacent vertebrae, provided with a housing (3); a first opening (4) and a second opening (5), both the first opening (4) and the second opening (5) placing the housing (3) in communication with an outside of the cage (2); and in that it further comprises: a screw (6) insertable in the housing (3) through the first opening (4); a screw nut (7) dimensioned such as to engage with the screw (6) when the screw nut (7) and the screw (6) are inserted in the housing (3); at least a first arm (8) which can engage in the housing (3) such as to rotate between a first angular position (A), in which the first arm (8) is arranged internally of the housing (3), and a second angular position (B), in which a first portion (10) of the first arm (8) has exited from the second opening (5) such as to abut against a vertebral surface when the cage (2) is inserted between the two vertebrae, with a consequent blocking of the intervertebral prosthesis (1) to the two vertebrae, the rotation of the first arm (8) being commanded by the movement of the screw nut (7) along the screw (6).

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Citation (search report)

See references of WO 2012117312A2

Cited by

US10070970B2; US9649203B2; US9788973B2

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