

Title (en)
ANGULAR SLIDING CORE, ALSO USED AS A COMPONENT OF AN INTERVERTEBRAL DISK ENDOPROSTHESIS, FOR THE LUMBAR COLUMN AND THE VERTICAL COLUMN

Title (de)
GEWINKELTER GLEITKERN ALS TEIL EINER BANDSCHEIBENENDOPROTHESE

Title (fr)
NOYAU DE GLISSEMENT COUDE POUVANT FAIRE PARTIE D'UNE PROTHESE DE DISQUE INTERVERTEBRAL DESTINEE AUX LOMBAIRES ET AUX CERVICALES

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Abstract (en)
[origin: US2006235528A1] The invention relates to a sliding core and an intervertebral disc prosthesis for the compensation of angles between vertebral endplates, for the preservation or improvement of function of a motion segment of the lumbar or cervical spine. A sliding core, according to the invention, for functional two- or three part intervertebral disc prostheses, is intended to ascertain a compensation, for the correction or preservation of angles within an intervertebral space. By this, it is possible not to have to remove implanted prosthetic plates from their assembly to vertebral bodies. According to the invention, functional two- and three part intervertebral disc prostheses with an asymmetrically angled sliding core are also planned. Concomitantly, upper and lower sliding partner of a three component prosthesis as well as the two sliding partners of a two part prosthesis function as endplates, which have means for a firm assembly to an upper and lower vertebral body.

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