

Title (en)
DEVICE AND SURGICAL METHOD FOR REDUCING A FRACTURE BETWEEN THE EPIPHYSEAL HEAD AND THE DIAPHYSIS OF A LONG BONE, IN PARTICULAR A PROXIMAL HUMERAL FRACTURE

Title (de)
VORRICHTUNG UND CHIRURGISCHES VERFAHREN ZUR REDUKTION EINER FRAKTUR ZWISCHEN DEM EPIPHYSÄREN KOPF UND DER DIAPHYSE EINES LANGEN KNOCHENS, IM BESONDEREN EINER PROXIMALEN OBERARMFRAKTUR

Title (fr)
DISPOSITIF ET PROCÉDÉ CHIRURGICAL POUR RÉDUIRE UNE FRACTURE ENTRE LA TÊTE ÉPIPHYSAIRE ET LA DIAPHYSE D'UN OS LONG, EN PARTICULIER UNE FRACTURE DE L'HUMÉRUS PROXIMAL

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Application
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• US 5228308 P 20080512
• US 5247508 P 20080512

Abstract (en)
[origin: WO2009095451A1] This device claims to improve the reduction of a fracture between the epiphyseal head and the diaphysis of a long bone, limiting the detachment of biological tissue in the vicinity, and thus comprises: - an elongated plate which comprises, on either side of the fracture covered by the plate, an epiphyseal portion which can be fixed in a rigid manner to the head and a diaphyseal portion which can be fixed to the diaphysis both in a rigid manner and so as to be displaceable in the longitudinal direction of the plate, - a jacking rod for pushing against the head, which jacking rod penetrates the plate and thus extends lengthwise from the plate until it reaches a hard portion of the head, in such a way that the jacking rod pushes the head towards a first way, - mechanical guide means for reversibly guiding the jacking rod relative to the plate and in the longitudinal direction of said rod, and - pulling means for pulling the head, which pulling means pull the head towards a way opposite to the first way, in a direction largely parallel to the longitudinal direction of the jacking rod.

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Citation (search report)
See references of WO 2009095451A1

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