

Title (en)

SURGICAL BONE-DRILLING DEVICE, ANGLE PIECE FOR SUCH A SURGICAL BONE-DRILLING DEVICE, AND METHOD FOR COOLING SUCH A SURGICAL BONE-DRILLING DEVICE

Title (de)

CHIRURGISCHE KNOCHENBOHRVORRICHTUNG, WINKELSTÜCK FÜR EINE SOLCHE CHIRURGISCHE KNOCHENBOHRVORRICHTUNG UND VERFAHREN ZUR KÜHLUNG EINER SOLCHEN CHIRURGISCHEN KNOCHENBOHRVORRICHTUNG

Title (fr)

DISPOSITIF CHIRURGICAL DE FORAGE OSSEUX, ÉLÉMENT ANGULAIRE DESTINÉ AUDIT DISPOSITIF CHIRURGICAL DE FORAGE OSSEUX ET PROCÉDÉ DE REFROIDISSEMENT DUDIT DISPOSITIF CHIRURGICAL DE FORAGE OSSEUX

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Application

EP 15730045 A 20150515

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Abstract (en)

[origin: WO2015172174A2] The invention relates to a surgical bone-drilling device (1) comprising a drill (3) connected to a drive (2), a container (4) for a coolant (5), at least one pump (6) for delivering the coolant (5), a first line (7) for delivering the coolant (5) from the container (4) into the interior of the drill (3), and a second line (8) for delivering the coolant (5) from the container (4) to the outside of the drill (3), and also an angle piece (19), a drilling jig (20), and a cooling method for such a bone-drilling device (1). To improve the cooling action, a measuring device (9) is provided for detecting the drilling depth (Δd) of the drill (3), which measuring device (9) is connected to a regulating device (10) for regulating the delivery of the coolant (5), such that the amount of the coolant (5) in the first line (7) and in the second line (8) can be regulated according to the drilling depth (Δd) of the drill (3).

IPC 8 full level

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Citation (search report)

See references of WO 2015172174A2

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