

Title (en)

COMBINATION OF GRAFT AND REPLACEMENT PIECE FOR FILLING A BONE DEFECT

Title (de)

KOMBINATION AUS AUGMENT UND ERSATZSTÜCK ZUM AUFFÜLLEN EINER KNOCHENFEHLSTELLE

Title (fr)

COMBINAISON D'UNE PIÈCE D'AUGMENTATION ET D'UNE PIÈCE DE REMPLACEMENT POUR COMBLER UN DÉFAUT OSSEUX

Publication

EP 4003238 A1 20220601 (DE)

Application

EP 20742748 A 20200723

Priority

- EP 19188179 A 20190724
- EP 2020070791 W 20200723

Abstract (en)

[origin: WO2021013923A1] Graft for a bone defect, in particular a tibial head graft for a knee-joint endoprosthesis. It comprises a sleeve-like inner body (2) for implantation at one end of a long bone (99). An outer face of the inner body (2) is designed as a bone contact face (20) for bearing on the surrounding bone margin (97). According to the invention, an outer shell piece (3) is provided which, as a bone replacement piece, is doubled onto the outside of the inner body (2) for filling a defect at the cortical bone margin (97) and is not dimensioned peripherally, such that, in the circumferential direction, it covers only a part of the outer circumference of the inner body (2). The doubled outer shell piece (3) forms a filler piece for a bone defect (bone window 96) at the bone end. Closure of the bone window (96) is achieved, and undesired contact between the graft and surrounding soft-tissue parts is avoided. Moreover, the graft is thus also supported in the region of the bone window (96). Parts of the bone margin (97) that are still present can thus remain intact, allowing the greatest possible preservation of naturally present bone substance.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2021013923A1

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