

Title (en)  
PROTHESIS SHAFT SET.

Title (de)  
PROTHESENSCHAFT-SET.

Title (fr)  
ENSEMBLE DE TIGE PROTHETIQUE.

Publication  
**EP 0683652 A1 19951129 (DE)**

Application  
**EP 94915095 A 19940422**

Priority  
• DE 4313201 A 19930422  
• EP 9401258 W 19940422

Abstract (en)  
[origin: WO9424963A1] A prosthesis shaft set for cementing a prosthesis shaft (3) into bones, in particular in the case of hip endoprostheses, has a throughbore (13) which extends along the shaft (3) through which a removable guiding spike (5) is inserted. In order to position the prosthesis shaft (3), the guiding spike (5) can be detachably secured to a marrow cavity stopper (7) to be anchored in the bone. The throughbore (13) for the centering spike (5) is designed at the same time as a viscous bone cement supply channel (13) known per se. The cement outlet is arranged in a manner also known per se at the lower end of the cement supply channel (13). The distal end of the prosthesis shaft (3) with the cement outlet and the opposite proximal end of the marrow cavity stopper (7) are designed to ensure a uniform, all-round distribution of the cement and its uniform rise from the distal to the proximal end. In particular, the distal end of the prosthesis shaft (3) and the proximal end of the marrow cavity stopper (7) are designed to impart a twisting motion to the rising bone cement. For that purpose, the marrow cavity stopper (7) is provided at its proximal end with spiral guides (15) for the bone cement which leaves the distal end of the prosthesis shaft (3).

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IPC 8 full level  
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