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(21) International Application Number: PCT/SE96/00489 (22) International Filing Date: 17 April 1996 (17.04.96) (30) Priority Data: 9501828-9 / 17 May 1995 (17.05.95) SE (71) Applicant (for all designated States except US): ASTRA AKTIEBOLAG [SE/SE]; S-151 85 Södertälje (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): ALBREKTSSON, Björn [SE/SE]; Barkassvägen 53, S-439 35 Onsala (SE). CARLSSON, Lars [SE/SE]; S:a Bergavägen 8, S-430 41 Kullavik (SE). JACOBSSON, Magnus [SE/SE]; Skärsgatan 37, S-412 69 Göteborg (SE). RÖSTLUND, Tord [SE/SE]; Fasanstigen 2, S-429 35 Kullavik (SE). WENNERBERG, Stig [SE/SE]; P1 6266, S-424 57 Angered (SE). (74) Agent: ASTRA AKTIEBOLAG; Patent Dept., S-151 85 Södertälje (SE).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: **CUTTING GUIDE INSTRUMENT**

(57) Abstract

The invention relates to a cutting guide instrument and method for enabling high-precision resection of the head (caput femoris) (8) of the neck (5) of a human femur (collum femoris) at a predetermined cutting angle (α_c) to the femoral shaft (9) and on a predetermined cutting level (L_c) with respect to the proximal end of the caput (8). A support part (11) is fixed to the femur during the resection. A longitudinal guide carrier (12) is supported by the support part (11) and is aligned along the femoral collum (5) at said predetermined cutting angle (α_c) to the femoral shaft (9). A cutting guide (13) is supported by and movable along the axis (D-D) of the guide carrier (12) to a cutting position corresponding to the predetermined cutting level (L_c). The invention also relates to the use of the instrument for performing such resection.

