PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
A61M 31/00 // A61F 5/41, A61K 9/10

A1

(11) International Publication Number: **WO 98/55176**

(43) International Publication Date: 10 December 1998 (10.12.98)

(21) International Application Number: PCT/SE98/01029

(22) International Filing Date: 29 May 1998 (29.05.98)

(30) Priority Data:
9702147-1 5 June 1997 (05.06.97) SE

(71) Applicant *(for all designated States except US)*: ASTRA AKTIEBOLAG [SE/SE]; S-151 85 Södertälje (SE).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: EEK, Arne [SE/SE]; Astra Pain Control AB, S-151 85 Södertälje (SE).

(74) Agent: PATENT DEPT.; Astra Aktiebolag, S-151 85 Södertälje (SE).

(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, 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.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: A TRANSURETHRAL DEVICE

(57) Abstract

A transurethral device (10) for delivery of a drug to the urethra of a human or animal body comprising a drug carrying element (3) which presents an elongate shaft (9) having a free forward end for insertion into the urethra of the human or animal body in a forward direction, the elongate shaft being provided with a channel (15) having an opening (17) in the outer surface of the elongate shaft for transport of the drug to the urethra. The device further comprises means (5, 30) adapted to draw a dose of the drug into the channel from a fluid supply of the drug. The device may further comprise a sheath (7) for releasably sheathing at least the insertable length of the elongate shaft of the drug carrying element prior to insertion thereof into the urethra of the human or animal body in which case the fluid supply of the drug can conveniently be carried in the sheath.

