

Title (en)
IMPROVED STEERING COLUMN ASSEMBLY

Title (de)
VERBESSERTE LENKSÄULENANORDNUNG

Title (fr)
ENSEMBLE DE COLONNE DE DIRECTION AMELIORE

Publication
EP 1737719 A1 20070103 (EN)

Application
EP 05736021 A 20050421

Priority
• GB 2005001523 W 20050421
• GB 0408907 A 20040422

Abstract (en)
[origin: WO2005102818A1] A steering column assembly comprises an adjustable portion and a fixed portion, the adjustable portion being secured to the fixed portion by a clamping mechanism that comprises a pin (7) having a head (8) and a shaft which extends from the head through an elongate opening in the adjustable portion and an opening in the fixed portion, a set of teeth (12a, 12b) provided in a locking region of the adjustable portion; a toothed member, such as a toothed block (16), which carries at least one tooth adapted to cooperate with the teeth (12a, 12b) of the adjustable portion; a biasing means (14) which biases the head (8) of the pin away from the locking region of the adjustable portion, a resilient connection means (15) which resiliently connects the head (8) to the block, and a clamp assembly which is adapted to draw the head (8) of the pin towards the fixed portion against a resistance force provided by the biasing means (14) so that the adjustable portion is clamped to the fixed portion by the head and further such that teeth of the toothed block (16) are biased into engagement with the teeth (12a, 12b) of the adjustable portion by the resilient connection means (15).

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