

Title (en)

Chainsaw with tensioning mechanism

Title (de)

Kettensäge mit Spannmechanismus

Title (fr)

Scie à chaîne avec dispositif de tension

Publication

EP 1764197 A2 20070321 (EN)

Application

EP 06118307 A 20060802

Priority

GB 0515970 A 20050803

Abstract (en)

The present invention relates to a device for adjusting the tension in the saw chain (16) of a chain saw (10). The device comprises a clamping means (36), a tensioning means (38) in the form of a rotatable cam, and elongate rod which interacts with the rotatable cam at a first end, and a blade, upon which the saw chain is driven, at a second end. The chain is driven by a sprocket and rotation of the cam causes the elongate rod to longitudinally extend or retract, relative to the sprocket, to adjust the tension in the saw chain. The present invention also relates to a chainsaw including such a tensioning device.

IPC 8 full level

B27B 17/14 (2006.01)

CPC (source: EP)

B27B 17/14 (2013.01)

Citation (applicant)

- DE 2132747 A1 19720217 - TEXTRON INC
- WO 9833631 A1 19980806 - LAKO FOREST OY LTD [FI], et al

Cited by

EP2686147A4; US11370143B2; CN104428113A; EP2353812A1; DE202010007886U1; US8549761B2; US9724841B2; WO2012126501A1; WO2012105876A1; US8955505B2; US9539740B2

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