

Title (en)
Chainsaw with tensioning mechanism

Title (de)
Kettensäge mit Spannmechanismus

Title (fr)
Scie à chaîne avec dispositif de tension

Publication
EP 1764197 A3 20090311 (EN)

Application
EP 06118307 A 20060802

Priority
GB 0515970 A 20050803

Abstract (en)
[origin: EP1764197A2] 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 (search report)
• [Y] EP 1440777 A1 20040728 - NAREX CESKA LIPA AS [CZ]
• [Y] WO 0149465 A1 20010712 - BOSCH GMBH ROBERT [DE], et al

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

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