

Title (en)  
Chainsaw with tensioning mechanism

Title (de)  
Kettensäge mit Spannmechanismus

Title (fr)  
Scie à chaîne avec dispositif de tension

Publication  
**EP 1764197 B1 20101027 (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)

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

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1764197 A2 20070321; EP 1764197 A3 20090311; EP 1764197 B1 20101027**; AT E485928 T1 20101115; CN 1907663 A 20070207; DE 602006017786 D1 20101209; GB 0515970 D0 20050907

DOCDB simple family (application)  
**EP 06118307 A 20060802**; AT 06118307 T 20060802; CN 200610138866 A 20060803; DE 602006017786 T 20060802; GB 0515970 A 20050803