

Title (en)

CHAINSAW GUIDE BAR WITH HYBRID BEARING ASSEMBLY

Title (de)

KETTENSÄGENFÜHRUNGSSCHWERT MIT HYBRIDLAGERANORDNUNG

Title (fr)

BARRE DE GUIDAGE POUR TRONÇONNEUSE AVEC ENSEMBLE PALIER HYBRIDE

Publication

EP 3265278 A1 20180110 (EN)

Application

EP 16709599 A 20160303

Priority

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- IB 2016051211 W 20160303

Abstract (en)

[origin: WO2016139622A1] A chainsaw (100) includes a power unit and a working assembly powered responsive to operation of the power unit. The working assembly includes a guide bar (120) around which a chain is rotatable. The guide bar (120) includes first and second side plates (200 and 210), a sprocket wheel (220), first and second shims (240 and 242), and a bearing assembly (230). The first and second side plates (200 and 210) face each other and extend away from a housing (110) to a nose. The sprocket wheel (230) is provided at the nose between the first and second side plates (200 and 210) and is rotatable about a hub (300). The first and second shims (240 and 242) are disposed between the first and second side plates (200 and 210), respectively, and corresponding ones of first and second sides of the sprocket wheel (220). The bearing assembly (230) is disposed between the hub (300) and the sprocket wheel (220) and includes a plurality of roller elements (320) made of a first material and at least one roller element (325) made of a second material that is different than the first material.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2016139622A1

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