

Title (en)

MOBILE CHAIN SAW FOR WORKING CONCRETE, STONE AND MASONRY WORK

Publication

EP 0241422 B1 19910626 (DE)

Application

EP 87810195 A 19870401

Priority

CH 132986 A 19860405

Abstract (en)

[origin: EP0241422A1] The saw has a drive unit, a feed unit (2), a coupling device (5) and connection devices (17, 18) for a saw chain or a circular saw blade. A drive shaft (7) passing through the feed unit (2) is mounted in a hollow shaft (8) and is connected at one end to a coupling shaft (16) in the coupling device (5) and at the other end to the drive unit. A fastening flange (13) having a guide plate (20) is fastened to the coupling device (5). This guide plate (20) carries the tongue or miscellaneous intermediate gearing. The entire coupling device (5) is detachably connected to the hollow shaft (8) via a clamping ring (29). The coupling device (5) with the attached tools is easily interchangeable. The hollow shaft (8) and the coupling device (5) with the elements fastened thereto can be pivoted independently of the rotating shafts (7, 16). Gearing for pivoting the hollow shaft (8) and gearing (46) which interacts with a toothed rack (44) for the feed are arranged in the feed unit (2). The entire unit is guided by guide elements (40) and guide rails (48), which are parts of a guide device. <IMAGE>

IPC 1-7

B28D 1/08

IPC 8 full level

B28D 1/08 (2006.01)

CPC (source: EP)

B28D 1/084 (2013.01)

Cited by

EP0656248A1; CN106442062A; WO2008059313A1; DE102008002454A1; DE102008002454B4

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0241422 A1 19871014; EP 0241422 B1 19910626; AT E64712 T1 19910715; CH 670215 A5 19890531; DE 3770974 D1 19910801

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EP 87810195 A 19870401; AT 87810195 T 19870401; CH 132986 A 19860405; DE 3770974 T 19870401