

Title (en)
HAND-HELD ELECTRIC SAW

Title (de)
ELEKTROSÄGEHANDWERKZEUG

Title (fr)
OUTIL A MAIN A SCIE ELECTRIQUE

Publication
EP 1855830 A1 20071121 (DE)

Application
EP 06700315 A 20060103

Priority
• EP 2006050024 W 20060103
• DE 102005009467 A 20050302

Abstract (en)
[origin: WO2006092340A1] The invention relates to a hand-held electric saw comprising a coupling element (10) for retaining and driving a saw blade (12) and a guide assembly (14) for guiding the oscillatory displacement (16) of the saw blade (12). According to the invention, the guide assembly (14) has at least one lateral support element (18, 18') for shielding the coupling element (10) from transversal forces that act on the saw blade (12).

IPC 8 full level
B23D 51/02 (2006.01); **B23D 49/16** (2006.01); **B23D 61/12** (2006.01)

CPC (source: EP US)
B23D 49/167 (2013.01 - EP US); **B23D 51/025** (2013.01 - EP US); **B23D 51/10** (2013.01 - EP US); **B23D 61/123** (2013.01 - EP US); **B23D 61/125** (2013.01 - EP US); **B23D 61/128** (2013.01 - EP US); **Y10T 83/9454** (2015.04 - EP US); **Y10T 83/9481** (2015.04 - EP US)

Citation (search report)
See references of WO 2006092340A1

Citation (examination)
• DE 10123440 A1 20021121 - HILTI AG [LI]
• DE 3509515 A1 19860925 - FESTO KG [DE]
• DE 3906642 A1 19900906 - FESTO KG [DE]
• US 3050093 A 19620821 - IVAR JEPSON
• EP 0521263 A1 19930107 - FESTO KG [DE]

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
DE 102005009467 A1 20060907; CN 101132877 A 20080227; CN 101132877 B 20100901; EP 1855830 A1 20071121; US 2009044416 A1 20090219; US 9283629 B2 20160315; WO 2006092340 A1 20060908

DOCDB simple family (application)
DE 102005009467 A 20050302; CN 200680006845 A 20060103; EP 06700315 A 20060103; EP 2006050024 W 20060103; US 58768606 A 20060103