

Title (en)
PORTABLE CIRCULAR SAW

Title (de)
HANDKREISSÄGE

Title (fr)
SCIE CIRCULAIRE À MAIN

Publication
EP 3648936 A1 20200513 (DE)

Application
EP 18728144 A 20180530

Priority
• DE 102017211270 A 20170703
• EP 2018064184 W 20180530

Abstract (en)
[origin: WO2019007593A1] In a portable circular saw (100) having a sole plate (122), a housing (110) and a drive unit (120) which is arranged at least partially in the housing (110) and to which a tool receptacle (140) for an interchangeable saw blade (130) is assigned, wherein the drive unit (120) is configured to drive the interchangeable saw blade (130) in rotation about an associated axis of rotation (142), and wherein the portable circular saw (100) is guidable along a workpiece (160) by means of the sole plate (122), a securing device (170) having at least one sensor element is provided, wherein the securing device (170) is configured to detect at least one breaking of the portable circular saw (100) into the workpiece (160) during a sawing operation and, upon detecting any breaking into the workpiece (160), to brake and/or switch off the drive unit (120).

IPC 8 full level
B27G 19/02 (2006.01); **B27G 19/04** (2006.01)

CPC (source: EP US)
B23D 45/16 (2013.01 - US); **B27G 19/02** (2013.01 - EP); **B27G 19/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2019007593A1

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Designated extension state (EPC)
BA ME

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