

Title (en)
CIRCULAR SAW WITH RIVING KNIVE

Publication
EP 0012404 B1 19830518 (DE)

Application
EP 79105023 A 19791210

Priority
DE 2854369 A 19781216

Abstract (en)
[origin: EP0012404A1] 1. A circular saw with riving knives (20) comprising a saw blade (17) seated on a link (15) for pivotal movement relative to the supporting surface (12) of a supporting plate (11), and a riving knife (20) seated on a riving knife carrier (19) for pivotal movement about the axis (18) of the saw blade (17), which riving knife (20) can be forcedly pivoted about the said axis (18) through a follower mechanism (15, 23, 25 and 26) taking the form of a four-bar linkage, the connecting rod (23) of the said four-bar linkage being formed by one arm of the riving knife carrier (19) and its first link being formed by a link (15), characterized in that the connecting bar (23) can be moved independently of the link (15) by an external force acting upon the riving knife (20).

IPC 1-7
B27G 19/08

IPC 8 full level
B27G 19/08 (2006.01)

CPC (source: EP)
B27G 19/08 (2013.01)

Citation (examination)
DE 1202964 B 19651014 - REICH MASCHF GMBH KARL

Cited by
FR2521900A1; GB2273078A; EP1990155A3; EP1787777A3; US5381233A; DE102019119230A1; EP3210727A1; CN110234478A; US9027449B2; US7600456B2; US8127648B2; US12083613B2; WO2009083298A1; WO2018141512A1; US10967537B2; WO2021009163A1; US7437981B2; US7806032B2; US7814818B2; US8096220B2; EP1990155A2

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EP 79105023 A 19791210; AT 79105023 T 19791210; CA 342091 A 19791214; DE 2854369 A 19781216; ES 486928 A 19791214