

Title (en)
DRIVE MECHANISM FOR A SAW FRAME

Publication
EP 0412958 A3 19910821 (DE)

Application
EP 90890236 A 19900806

Priority
AT 190889 A 19890809

Abstract (en)
[origin: EP0412958A2] To be able to guarantee high cutting capacities with frame saws, a drive mechanism for the saw frame (1), having a stroke guide (4) consisting of oscillating levers (5) which act on the frame (1) in the manner of an articulated parallelogram and are articulated on crank arms (7), is proposed. The crank arms (7), which assume, in the middle stroke position of the crank mechanism drive (3), with the associated oscillating levers (5) a top position, can in this case be driven in rotary oscillation synchronously with the frame stroke about the middle position determined by this top position. <IMAGE>

IPC 1-7
B27B 3/12

IPC 8 full level
B27B 3/12 (2006.01)

CPC (source: EP)
B27B 3/12 (2013.01)

Citation (search report)
• [A] US 2842172 A 19580708 - ALVIN WOODRUFF
• [A] US 2875795 A 19590303 - ALVIN WOODRUFF
• [A] WO 8602033 A1 19860410 - TONCELLI MARCELLO

Cited by
CN108972898A; WO9635559A1

Designated contracting state (EPC)
DE FR SE

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