

Title (en)
Sawing of wood boards with a circular saw

Title (de)
Sägen von Brettern aus Holz mit einer Kreissäge

Title (fr)
Sciage des planches en bois avec une scie circulaire

Publication
EP 1872918 B1 20080813 (DE)

Application
EP 06116385 A 20060630

Priority
EP 06116385 A 20060630

Abstract (en)
[origin: EP1872918A1] The method involves providing a small axial thickness for saw teeth (3) at an edge of a circular saw blade (1) than an axial thickness of a radial region of the circular saw blade, where the radial region lies inside the saw teeth. The circular saw blade is operated as a wedge on a sawed wood during the sawing operation due to the thickness difference, where the wood is humidified during the sawing operation. The axial thickness of the saw blade is decreased continuously from the radial region to a radial inner edge of the saw teeth. An independent claim is also included for a saw unit for sawing a wood lamella.

IPC 8 full level
B27B 33/08 (2006.01); **B23D 61/02** (2006.01)

CPC (source: EP)
B23D 61/025 (2013.01)

Cited by
CN112829009A; RU2710719C1; CN105010494A; EP2942136A3; EP2948264B1

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