

Title (en)

NATURAL TAPERED HOUSE LOG MILLING PROCESS

Title (de)

FRÄSVERFAHREN ZUR HERSTELLUNG VON NATÜRLICHEN, VERJÜNGENDEN BAUMSTÄMMEN FÜR BLOCKHÄUSER

Title (fr)

PROCEDE D'USINAGE DE BILLES NATURELLEMENT CONIQUES POUR CONSTRUCTION D'HABITATIONS

Publication

EP 1444409 A1 20040811 (EN)

Application

EP 01971566 A 20010913

Priority

CA 0101314 W 20010913

Abstract (en)

[origin: WO03023158A1] A process to enable the manufacture of tapered house building logs of various diameters, which would be used in hand-crafted round log construction, in both residential and commercial applications. A milling process would remove wood to create the lateral notches, also known as grooves or copes, on the underside of each wall log, while maintaining the natural taper of each whole log used. The convex curvature of the top of each log is milled to match the concave curvature on the bottom of the log sitting directly above it, using a common curvature for specified diameters; in the process of planing the top and the underside of each log, the same degree of taper is achieved. Whole, round trees are utilized and the natural taper of each log is always maintained.

IPC 1-7

E04B 2/70

IPC 8 full level

B27M 3/00 (2006.01); **E04B 2/02** (2006.01); **E04B 2/70** (2006.01)

CPC (source: EP US)

E04B 2/702 (2013.01 - EP US)

Cited by

RU2472614C2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 03023158 A1 20030320; AT E298021 T1 20050715; CA 2459444 A1 20030320; CA 2459444 C 20070123; DE 60111579 D1 20050721; DE 60111579 T2 20060504; EP 1444409 A1 20040811; EP 1444409 B1 20050615; EP 1566500 A1 20050824; JP 2005501990 A 20050120; US 2004237457 A1 20041202

DOCDB simple family (application)

CA 0101314 W 20010913; AT 01971566 T 20010913; CA 2459444 A 20010913; DE 60111579 T 20010913; EP 01971566 A 20010913; EP 05102362 A 20010913; JP 2003527209 A 20010913; US 48887304 A 20040308