

Title (en)
WAFERBOARD LUMBER

Publication
EP 0259069 B1 19921209 (EN)

Application
EP 87307378 A 19870820

Priority
CA 517415 A 19860903

Abstract (en)
[origin: EP0259069A2] Substitute lumber pieces having strengths and densities substantially equivalent to lumber are cut from single layer panels (18) of over about 1 and normally less than 4 inch thickness made from wood wafers. The wafers are oriented with their lengths having a mean deviation to the longitudinal length of the panel measured in the major plane of the panel in the range of 0 to 10 degrees and a mean deviation measured in a minimum longitudinal plane perpendicular to the major plane from 0 to about 5 degrees and have an average effective length of at least 8 inches (200 mm), and preferably an average thickness less than 0.15 inches (4 mm) and a width of at least 0.25 inches (6 mm). Lumber is made by cutting the panel longitudinally. Preferably the panels are formed to have a substantially uniform density profile throughout their thicknesses.

IPC 1-7
B27N 3/04

IPC 8 full level
B27D 1/04 (2006.01); **B27B 1/00** (2006.01); **B27D 5/00** (2006.01); **B27N 3/00** (2006.01); **B27N 3/04** (2006.01); **B27N 3/14** (2006.01); **B27N 3/18** (2006.01)

CPC (source: EP)
B27B 1/00 (2013.01); **B27N 3/04** (2013.01); **B27N 3/143** (2013.01)

Citation (examination)
• US 4255477 A 19810310 - HOLMAN JOHN A
• Thomas M. MALONEY "Modern Particleboard & Dry-process Fiberboard Manufacturing", 1977, MILLER FREEMAN PUBLICATIONS, pages 178-216

Cited by
DE10037508B4; EP4286123A1; US6833183B2; WO9506550A1; WO0035644A1; WO2023232572A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0259069 A2 19880309; EP 0259069 A3 19890215; EP 0259069 B1 19921209; AT E83190 T1 19921215; AU 608237 B2 19910328; AU 7719787 A 19880310; CA 1281528 C 19910319; CN 1008076 B 19900523; CN 87106342 A 19880413; DE 3782990 D1 19930121; DE 3782990 T2 19930429; ES 2106009 T3 19971101; FI 86822 B 19920715; FI 86822 C 19921026; FI 873811 A0 19870902; FI 873811 A 19880304; JP 2527761 B2 19960828; JP S63107507 A 19880512; NZ 221605 A 19910226

DOCDB simple family (application)
EP 87307378 A 19870820; AT 87307378 T 19870820; AU 7719787 A 19870819; CA 517415 A 19860903; CN 87106342 A 19870902; DE 3782990 T 19870820; ES 87307378 T 19870820; FI 873811 A 19870902; JP 22010187 A 19870902; NZ 22160587 A 19870828