

Title (en)

DEVICE AND METHOD FOR MAKING CHOP CUTS IN WORK PIECES MADE OF WOOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DURCHFÜHRUNG VON KAPPSCHNITTEN AN WERKSTÜCKEN AUS HOLZ

Title (fr)

DISPOSITIF ET PROCEDE D'EXECUTION DE COUPES TRANSVERSALES SUR DES PIECES EN BOIS

Publication

EP 2982485 B1 20180221 (DE)

Application

EP 15002204 A 20150725

Priority

DE 102014011689 A 20140804

Abstract (en)

[origin: US2016031115A1] The device has a sawing station with cross-cut saw downstream of a feed transport device feeding workpieces to a transport unit of the sawing station that has a drive separate from that of the feed transport device. The feed transport device has a retaining/accumulating unit driven independently of a transport element of the feed transport device and subjecting the workpieces to a slower supply speed than the transport element. A transfer transport device is located between retaining/accumulating unit and sawing station. The drive of the transport element of the transfer transport device is controlled/adjusted independent of or by the drive of the retaining/accumulating unit via mechanically coupled step-up gear. The workpieces initially accumulate in the feed transport device and abut each other and are then transported onward with acceleration so that they are again spaced apart. The workpiece position is detected in the region of the transfer transport device.

IPC 8 full level

B27M 1/08 (2006.01); **B23D 47/02** (2006.01); **B27B 31/00** (2006.01)

CPC (source: EP US)

B27B 1/002 (2013.01 - EP US); **B27B 11/00** (2013.01 - EP US); **B27B 31/003** (2013.01 - EP US); **B27M 1/08** (2013.01 - EP US)

Cited by

WO2021012202A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2982485 A1 20160210; **EP 2982485 B1 20180221**; DE 102014011689 A1 20160204; DK 2982485 T3 20180522; SI 2982485 T1 20180531; US 2016031115 A1 20160204; US 9902084 B2 20180227

DOCDB simple family (application)

EP 15002204 A 20150725; DE 102014011689 A 20140804; DK 15002204 T 20150725; SI 201530229 T 20150725; US 201514817478 A 20150804