

Title (en)

Method and apparatus for dividing a log into pieces of lumber

Title (de)

Verfahren und Vorrichtung zum Zerteilen eines Baumstammes in Holzteile

Title (fr)

Procédé et dispositif pour diviser un tronc en pièces de bois

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Application

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FI 20105090 A 20100202

Abstract (en)

The invention relates to a method for working a log and dividing the same into pieces of lumber. The method comprises feeding (101) a log onto a processing line (201) and advancing it through the following process steps of: (a) measuring (102) a log three-dimensionally, thereby finding out its geometrical shape; (b) storing (103) the log measurement data, the log treatment being conducted on the basis of said measurement data; (c) checking the position of a log (T) and rotating (104) the log, such that a possible skewness points upwards; (d) trimming (105) first two vertical sides on the log at its opposite sides and the log is thereby turned into a first balk having first and second vertical sides. According to the invention, the method further comprises: (e) milling (106) first and second grooves in top and bottom parts of each vertical side of the first balk, each of said grooves having one of its groove flanks adjacent to a vertical side of the balk, said grooves being used for defining at least first and second side slabs on the balk's trimmed sides; (f) removing (107) the side slabs, most preferably by sawing, from the first balk's vertical sides; followed by (g) separating (108) a remaining segment of the first balk, i.e. a second balk, and the removed side slabs from each other and advancing the second balk to a further treatment (109). The invention relates also to an apparatus applying the method.

IPC 8 full level

B27B 1/00 (2006.01)

CPC (source: EP FI)

B27B 1/007 (2013.01 - EP FI)

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