

Title (en)

METHOD FOR CONTROLLING A WALL SAW SYSTEM DURING THE CREATION OF A SEPARATION CUT

Title (de)

VERFAHREN ZUR STEUERUNG EINES WANDSÄGESYSTEMS BEIM ERSTELLEN EINES TRENNSCHNITTES

Title (fr)

PROCÉDÉ DE GUIDAGE D'UN SYSTÈME DE SCIE MURALE POUR LA DÉCOUPE D'UNE RAINURE DE JOINT

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Application

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Abstract (en)

[origin: WO2016037920A1] A method for controlling a wall saw system (10) during the creation of a separation cut in a workpiece (24) between a first and second end point, wherein at least one of the end points is defined as an obstacle. The wall saw system (10) comprises a wall saw (12) having a saw head (14), a pivotable saw arm (17), a saw blade (16) and a blade protector (21). The separation cut is carried out in a plurality of main cuts, wherein the parameters of the main cuts (main-cut angle) are defined before the start of a main-cut sequence; in addition to the main-cut sequence, a corner-cut sequence having at least two corner cuts is defined for each end point defined as an obstacle. For each corner-cut sequence, a starting position and an end position are defined, the corner cuts being carried out therebetween. The wall saw (12) is positioned in the starting position and is pivoted into a first corner-cut angle; subsequently, the saw head (14) is moved by way of the inclined saw arm (17) until the end position has been reached. The wall saw (12) is displaced back into the starting position and pivoted into a second corner-cut angle. This sequence is repeated until all of the corner cuts have been carried out.

IPC 8 full level

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Citation (search report)

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