

Title (en)

Blade, in particular oscillating blade, for use in a mechanical cutting method, for cutting sandwich boards

Title (de)

Messer, insbesondere Oszilliermesser, zum Einsatz in einem maschinellen Schneideverfahren, zum Schneiden von Sandwichplatten

Title (fr)

Lame, en particulier lame oscillante, destinée à être utilisée dans un processus de découpe mécanique, pour la découpe de plaques de sandwich

Publication

**EP 2894014 B1 20160323 (DE)**

Application

**EP 14150776 A 20140110**

Priority

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Abstract (en)

[origin: CN104772787A] The invention relates to a blade, in particular a vibrating blade, for use in a mechanical cutting method, for cutting sandwich boards. The cutting machine blade assembling in the cutting tool of the cutting machine is formed and precisely equipped to cut multilayer composite board, especially vibrating blade. The cutting machine blade is aimed at using in a range of limited automatic cutting mode, wherein the cutting machine blade is lead by the cutting machine along the composite board in feed direction. The cutting machine blade comprises a holding part, which is used for assembling the cutting machine blade on the blade holding part of the cutting tool; and comprises a edged blade, the first area of the edge is arranged for cutting the lower wall of the composite board, and the second area of the edge is arranged for cutting the upper wall of the composite board, and the corresponding profiles of the edge in the first area and the second area are first angle in 30-70 degrees respectively with the feed direction. According to the invention, an intermediate area of the edge is existed between the first area and the second area, and the second angle forming by the profiles of the intermediate area and the feed direction is greater than the first angle, especially greater than 90 degrees.

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Cited by

IT201900006811A1; CN110000819A; EP4000814A1; EP3488983A1; EP3756842A1; CN112123384A; US11260551B2; EP3689537A1; US11667000B2; US11400614B2; US11712815B2; EP4302948A2; EP4302949A2; EP4324609A2

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