

Title (en)  
BAND SAW BLADE

Title (de)  
BANDSÄGEBLATT

Title (fr)  
LAME DE SCIE À RUBAN

Publication  
**EP 4116022 A1 20230111 (EN)**

Application  
**EP 21184433 A 20210708**

Priority  
EP 21184433 A 20210708

Abstract (en)  
The invention deals with a band saw blade having on its whole length teeth with the same shape and wherein each tooth has a groove (d) machined in the tooth chest, the groove having a length (l) and a width (b), wherein the length (l) of the groove d is between 8-9 mm, and the width b is between 2-3 mm, the tooth shape being determined by the rate between the teeth height (h) and their pitch, the blade presenting on its whole length repetitive sequences of teeth having different pitch lengths, the said sequences including 4 or 6 teeth, and wherein the pitch magnitude first progressively increases and then decreases.

IPC 8 full level  
**B23D 61/12** (2006.01)

CPC (source: EP)  
**B23D 61/121** (2013.01)

Citation (applicant)  
• WO 9629173 A1 19960926 - AMERICAN SAW AND MANUFACTURING [US]  
• US 4179967 A 19791225 - CLARK CALVIN M [US]

Citation (search report)  
• [Y] EP 2319647 A1 20110511 - AMADA CO LTD [JP], et al  
• [Y] WO 2020041816 A1 20200305 - LEITINGER HANS PETER [AT]

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Designated extension state (EPC)  
BA ME

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KH MA MD TN

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