

Title (en)  
SAWBLADE AND HOLE SAW

Title (de)  
SÄGEBLATT SOWIE LOCHSÄGE

Title (fr)  
LAME DE SCIE ET SCIE CLOCHE

Publication  
**EP 4217139 A1 20230802 (DE)**

Application  
**EP 21773713 A 20210906**

Priority  
• DE 102020211809 A 20200922  
• EP 2021074472 W 20210906

Abstract (en)  
[origin: WO2022063552A1] The invention relates to a sawblade (100) with a plurality of wave-shaped teeth (Z1,Z2) which are formed on a continuous base section (102) of the sawblade (100). Each of the teeth (Z1,Z2) has a paired tooth base (140, 142) with a tooth base upper face (150, 152) and a hard metal blade (114, 116) arranged thereon. Each tooth base (140, 142) adjoins the hard metal blade (114, 116) arranged thereon in a flush manner on both sides along a longitudinal axis (120) of the base section (102), and each hard metal blade (114, 116) and each tooth base upper face (150, 152) has two bevels and/or convexly rounded areas extending substantially along the longitudinal axis (120) of the base section (102), wherein the teeth (Z1,Z2) are designed to be set and/or unset.

IPC 8 full level  
**B23D 61/14** (2006.01); **B23B 51/04** (2006.01); **B23D 61/04** (2006.01)

CPC (source: EP US)  
**B23B 51/04** (2013.01 - EP); **B23D 61/04** (2013.01 - EP US); **B23D 61/127** (2013.01 - US); **B23D 61/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2022063552A1

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102020211809 A1 20220324**; CN 116323060 A 20230623; EP 4217139 A1 20230802; US 2023398617 A1 20231214;  
WO 2022063552 A1 20220331

DOCDB simple family (application)  
**DE 102020211809 A 20200922**; CN 202180064792 A 20210906; EP 2021074472 W 20210906; EP 21773713 A 20210906;  
US 202118044812 A 20210906