

Title (en)  
METHOD FOR PRODUCING A CARRIER PLATE FOR FLAP WHEELS, CARRIER PLATE AND FLAP WHEEL COMPRISING SAID CARRIER PLATE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER TRÄGERPLATTE FÜR LAMELENSCHLEIFSCHLEIBEN, TRÄGERPLATTE SOWIE LAMELENSCHLEIFSCHLEIBE UMFASSEND DIESE TRÄGERPLATTE

Title (fr)  
PROCÉDÉ DE FABRICATION D'UNE PLAQUE DE SUPPORT DE MEULES À LAMELLES ABRASIVES, PLAQUE DE SUPPORT ET MEULE À LAMELLES ABRASIVES COMPRENANT LADITE PLAQUE DE SUPPORT

Publication  
**EP 4048476 A1 20220831 (DE)**

Application  
**EP 20800047 A 20201023**

Priority  
• DE 102019128899 A 20191025  
• EP 2020079968 W 20201023

Abstract (en)  
[origin: WO2021078984A1] The present invention relates to a method for producing a carrier plate, in particular for a flap wheel, comprising the steps of a) providing at least two woven or nonwoven layers, b1) providing at least one layer comprising a woven or nonwoven layer of synthetic or natural fibres and glass fibres, wherein the glass fibres lie on the front side of the woven or nonwoven layer, b2) sewing together the one layer and the layer formed from glass fibres according to b1) using a yarn, c) alternately arranging a layer according to a) and a layer according to ba2) to form a stack of layers, wherein the layers according to a) form the outer layers of the stack, d) sewing together the layers of the layered stack according to c), e) treating the combined stack of layers with a polymer-resin binder, f) curing the polymer-resin binder, g) compressing the wheel obtained according to f), and h) heating the compressed wheel. The invention also relates to a carrier plate, in particular obtained by the method according to the invention, and to a flap wheel containing the carrier plate. Finally, the invention relates to the use of the carrier plate for the production of a flap wheel and to the use of the flap wheel for the working of workpieces.

IPC 8 full level  
**B24D 9/08** (2006.01); **B24D 13/16** (2006.01)

CPC (source: EP)  
**B24D 9/08** (2013.01); **B24D 13/16** (2013.01)

Citation (search report)  
See references of WO 2021078984A1

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

DOCDB simple family (publication)  
**DE 102019128899 A1 20210429**; **DE 102019128899 B4 20210610**; CN 114829070 A 20220729; EP 4048476 A1 20220831; WO 2021078984 A1 20210429

DOCDB simple family (application)  
**DE 102019128899 A 20191025**; CN 202080074828 A 20201023; EP 2020079968 W 20201023; EP 20800047 A 20201023