

Title (en)

PRESS TOOL AND METHOD FOR PRODUCING A PRESS TOOL

Title (de)

PRESSWERKZEUG UND VERFAHREN ZUM HERSTELLEN EINES PRESSWERKZEUGS

Title (fr)

OUTIL DE PRESSE ET PROCÉDÉ DE PRODUCTION D'UN OUTIL DE PRESSE

Publication

EP 4045304 B1 20231129 (DE)

Application

EP 20792586 A 20201012

Priority

- DE 102019127660 A 20191015
- EP 2020078572 W 20201012

Abstract (en)

[origin: WO2021074063A1] The invention relates to a press tool (1) for producing a workpiece. The press tool (1) comprises a pressing surface (2, 52), which has a structure consisting of raised portions (4) and depressions (3), a wear layer (11), which forms, at least in part, the pressing surface (2, 52) and has an optical property, an indicator layer (12), which is provided beneath the wear layer (11) and in which particles (18) with optical properties are embedded, so that the indicator layer (12) has a corresponding optical property that differs from the optical property of the wear layer (11).

IPC 8 full level

B30B 15/06 (2006.01); **B30B 3/00** (2006.01); **B44B 5/02** (2006.01)

CPC (source: EP)

B30B 3/005 (2013.01); **B30B 15/062** (2013.01); **B30B 15/065** (2013.01); **B44B 5/026** (2013.01)

Citation (examination)

DE 102014212448 A1 20151231 - BUSCH & CO GMBH & CO KG [DE]

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

DOCDB simple family (publication)

DE 102019127660 A1 20210415; AU 2020365349 A1 20220519; EP 4045304 A1 20220824; EP 4045304 B1 20231129; WO 2021074063 A1 20210422

DOCDB simple family (application)

DE 102019127660 A 20191015; AU 2020365349 A 20201012; EP 2020078572 W 20201012; EP 20792586 A 20201012