

Title (en)  
Tool for surface finishing

Title (de)  
Werkzeug zur Oberflächenfeinbearbeitung

Title (fr)  
Outil de finissage de surface

Publication  
**EP 2913151 B1 20170301 (DE)**

Application  
**EP 15000037 A 20150110**

Priority  
DE 202014000852 U 20140130

Abstract (en)  
[origin: US2015209938A1] A surface fine machining tool has a working medium carrier with a bottom side and a top side. Grooves extend from the top side to the bottom side completely through the working medium carrier and have a narrowed portion at the bottom side but do not narrow upwardly toward the top side. The working medium carrier is an injection-molded plastic part. Lamellas with a holding rim and a lamella body are inserted with the holding rim in the grooves. The lamella body extends downward away from the holding rim, passes through the narrowed portion, and extends away from the bottom side. The lamellas are uniformly distributed about the bottom side. The grooves have an open end at a carrier rim of the working medium carrier. The open end has a cross-section matching the groove cross-section. A cover is connected to the top side and covers grooves and holding rims.

IPC 8 full level  
**B24D 13/16** (2006.01); **B24D 9/08** (2006.01); **B24D 13/20** (2006.01); **B24D 15/00** (2006.01)

CPC (source: EP US)  
**B24D 9/08** (2013.01 - EP US); **B24D 13/142** (2013.01 - EP US); **B24D 13/16** (2013.01 - EP US); **B24D 13/20** (2013.01 - EP US); **B24D 15/00** (2013.01 - EP US); **B24D 15/023** (2013.01 - EP US)

Cited by  
EP3178608A1

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 202014000852 U1 20150121**; EP 2913151 A1 20150902; EP 2913151 B1 20170301; US 2015209938 A1 20150730; US 9358670 B2 20160607

DOCDB simple family (application)  
**DE 202014000852 U 20140130**; EP 15000037 A 20150110; US 201514609459 A 20150130