

Title (en)

POLISHING SHEET AND POLISHING METHOD

Title (de)

POLIERFOLIE UND POLIERVERFAHREN

Title (fr)

FEUILLE DE POLISSAGE ET PROCÉDÉ DE POLISSAGE

Publication

**EP 3735337 A2 20201111 (EN)**

Application

**EP 19704446 A 20190102**

Priority

- JP 2018000661 A 20180105
- IB 2019050029 W 20190102

Abstract (en)

[origin: WO2019135180A2] Object: To provide a polishing sheet capable of efficiently polishing a hard material such as a metal product so as to form a smooth surface with minimal unevenness. Solution: A polishing sheet including: a substrate; a plurality of three-dimensional elements containing abrasive grains and a binding material; and an intermediate layer provided between the three-dimensional elements and the substrate so as to join the substrate and the three-dimensional elements, wherein a Young's modulus of the substrate at 25°C is not less than  $3.0 \times 10^9$  Pa; and a Young's modulus of the intermediate layer at 25°C is not less than  $1.0 \times 10^7$  Pa and not greater than  $5.0 \times 10^8$  Pa.

IPC 8 full level

**B24D 11/02** (2006.01); **B24D 3/00** (2006.01)

CPC (source: EP US)

**B24D 3/002** (2013.01 - EP US); **B24D 11/02** (2013.01 - EP US); **B24D 2203/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2019135180A2

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)

**WO 2019135180 A2 20190711**; **WO 2019135180 A3 20190822**; EP 3735337 A2 20201111; JP 2019119010 A 20190722; JP 7158147 B2 20221021; US 2020306933 A1 20201001

DOCDB simple family (application)

**IB 2019050029 W 20190102**; EP 19704446 A 20190102; JP 2018000661 A 20180105; US 201916954633 A 20190102