

Title (en)
ABRASIVE ARTICLE

Title (de)
SCHLEIFARTIKEL

Title (fr)
ARTICLE ABRASIF

Publication
EP 3681675 A1 20200722 (DE)

Application
EP 18758604 A 20180821

Priority
• DE 102017216175 A 20170913
• EP 2018072506 W 20180821

Abstract (en)
[origin: WO2019052787A1] The invention relates to an abrasive article (10a,10b,10c,10d), in particular a coated abrasive disc, comprising a plurality of holes (12a,12b,12c,12d) which are arranged in a hole pattern (14a,14b,14c,14d), wherein the density of holes decreases from an inner region (18a,18b,18c,18d) of the hole pattern (14a,14b,14c,14d) to an outer region (20a,20b,20c,20d) of the hole pattern (14a,14b,14c,14d). The invention is characterized in that at least one hole (12a,12b,12c,12d) in the hole pattern (14a,14b,14c,14d) is designed as an elongated hole (38a,38b,38c,38d).

IPC 8 full level
B24B 55/10 (2006.01); **B24D 11/00** (2006.01)

CPC (source: EP US)
B24B 55/102 (2013.01 - EP US); **B24B 55/105** (2013.01 - EP); **B24D 9/00** (2013.01 - EP); **B24D 11/00** (2013.01 - US);
B24D 11/008 (2013.01 - EP)

Citation (search report)
See references of WO 2019052787A1

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 102017216175 A1 20190314; CN 111093900 A 20200501; CN 111093900 B 20230825; EP 3681675 A1 20200722;
US 11697186 B2 20230711; US 2020180107 A1 20200611; WO 2019052787 A1 20190321

DOCDB simple family (application)
DE 102017216175 A 20170913; CN 201880059494 A 20180821; EP 18758604 A 20180821; EP 2018072506 W 20180821;
US 201816635116 A 20180821