

Title (en)

METHOD OF MAKING A COATED ABRASIVE ARTICLE AND COATED ABRASIVE ARTICLE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BESCHICHTETEN SCHLEIFARTIKELS UND BESCHICHTETER SCHLEIFARTIKEL

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ARTICLE ABRASIF REVÊTU ET ARTICLE ABRASIF REVÊTU

Publication

EP 4284592 A1 20231206 (EN)

Application

EP 22702528 A 20220127

Priority

- US 202163144162 P 20210201
- IB 2022050724 W 20220127

Abstract (en)

[origin: WO2022162580A1] A coated abrasive article comprises: a backing having first and second opposed major surfaces; a make layer disposed on the first major surface of the backing; shaped abrasive particles partially embedded in the make layer wherein the shaped abrasive particles are triangular platelets; and a size layer disposed over the make layer and shaped abrasive particles, wherein the size layer comprises a thermoset polymer. The make layer comprise at least partially cured animal glue. A method of making the coated abrasive article is also disclosed.

IPC 8 full level

B24D 3/00 (2006.01); **B24D 3/28** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP)

B24D 3/007 (2013.01); **B24D 3/28** (2013.01); **B24D 18/0072** (2013.01)

Citation (search report)

See references of WO 2022162580A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022162580 A1 20220804; EP 4284592 A1 20231206

DOCDB simple family (application)

IB 2022050724 W 20220127; EP 22702528 A 20220127