

Title (en)
COOKING UTENSIL HAVING A GRAPHITE CORE

Title (de)
KOCHGESCHIRR MIT EINEM GRAPHITKERN

Title (fr)
USTENSILE DE CUISSON COMPORTANT UN NOYAU EN GRAPHITE

Publication
EP 3582664 A4 20201111 (EN)

Application
EP 17896454 A 20170215

Priority
US 2017017911 W 20170215

Abstract (en)
[origin: WO2018151716A1] Provided is an article of cookware and a method of making the same. The cookware has a multi-layer bonded composite wall structure having an inner metal layer and an outer metal layer, and a core layer between the inner layer and the outer layer. The core layer has at least two perforated graphite plates, each plate having a plurality of spaced-apart holes formed therethrough, and at least one metal core plate disposed between the at least two perforated graphite plates and extending through the plurality of spaced-apart holes of each of the at least two perforated graphite plates. The at least one metal core plate is metallurgically bonded to the inner layer and the outer layer at least through the plurality of spaced-apart holes.

IPC 8 full level
A47J 37/01 (2006.01); **A47J 37/06** (2006.01); **A47J 37/10** (2006.01); **B22D 19/00** (2006.01); **B32B 15/04** (2006.01); **B32B 15/18** (2006.01); **B32B 15/20** (2006.01); **A47J 36/02** (2006.01)

CPC (source: EP)
A47J 36/02 (2013.01); **A47J 37/10** (2013.01); **B21C 23/22** (2013.01); **B21K 25/00** (2013.01); **B32B 1/00** (2013.01); **B32B 3/266** (2013.01); **B32B 7/08** (2013.01); **B32B 9/007** (2013.01); **B32B 9/041** (2013.01); **B32B 15/04** (2013.01); **B32B 15/18** (2013.01); **B32B 15/20** (2013.01); **B32B 2250/05** (2013.01); **B32B 2250/42** (2013.01); **B32B 2307/302** (2013.01); **B32B 2307/732** (2013.01); **B32B 2439/02** (2013.01)

Citation (search report)
• [XII] US 2015313405 A1 20151105 - GROLL WILLIAM A [US], et al
• [XII] US 2011041708 A1 20110224 - GROLL WILLIAM A [US]
• [XII] KR 20110044010 A 20110428 - GIM GI TAE [KR], et al
• [A] US 4541411 A 19850917 - WOOLF LAWRENCE D [US]
• See also references of WO 2018151716A1

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)
WO 2018151716 A1 20180823; CA 3053508 A1 20180823; CN 110602969 A 20191220; EP 3582664 A1 20191225; EP 3582664 A4 20201111

DOCDB simple family (application)
US 2017017911 W 20170215; CA 3053508 A 20170215; CN 201780086569 A 20170215; EP 17896454 A 20170215