

Title (en)
STRETCHABLE HIGH-DENSITY PAPER

Title (de)
DEHNBARES PAPIER MIT HOHER DICHTHE

Title (fr)
PAPIER EXTENSIBLE À HAUTE DENSITÉ

Publication
EP 4353901 A1 20240417 (EN)

Application
EP 22201159 A 20221012

Priority
EP 22201159 A 20221012

Abstract (en)
A paper having:- a density measured according to ISO 534:2011 above 1000 kg/m³; a strain at break measured according to ISO 1924-3:2005 in the machine direction above 3%; a basis weight measured according to ISO 536:2012 below 100 g/m², such as below 70 g/m²; and a Bendtsen surface roughness on at least one side below 150 ml/min when measured according to ISO 8791-2:2013.

IPC 8 full level
D21H 19/74 (2006.01); **D21H 19/82** (2006.01); **D21H 19/84** (2006.01); **D21H 21/16** (2006.01); **D21H 27/10** (2006.01); **D21H 27/30** (2006.01); **D21H 27/40** (2006.01)

CPC (source: EP)
D21H 19/74 (2013.01); **D21H 19/82** (2013.01); **D21H 19/84** (2013.01); **D21H 21/16** (2013.01); **D21H 27/10** (2013.01); **D21H 27/30** (2013.01); **D21H 27/40** (2013.01)

Citation (applicant)
WO 2017089508 A1 20170601 - TETRA LAVAL HOLDINGS & FINANCE [CH]

Citation (search report)
• [A] EP 3168362 A1 20170517 - BILLERUDKORSNAES AB [SE]
• [A] EP 4036305 A1 20220803 - BILLERUDKORSNAES AB [SE]
• [A] EP 3385445 A1 20181010 - BILLERUDKORSNAES AB [SE]
• [A] EP 3633104 A1 20200408 - BILLERUDKORSNAES AB [SE]
• [A] EP 3202979 A1 20170809 - BILLERUDKORSNAES AB [SE]
• [A] EP 3805453 A1 20210414 - BILLERUDKORSNAES AB [SE]
• [AD] WO 2017089508 A1 20170601 - TETRA LAVAL HOLDINGS & FINANCE [CH]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4353901 A1 20240417; WO 2024079266 A1 20240418

DOCDB simple family (application)
EP 22201159 A 20221012; EP 2023078351 W 20231012