

Title (en)
PAPERMAKING BELT

Title (de)
PAPIERMACHERGURT

Title (fr)
BANDE POUR MACHINE À PAPIER

Publication
EP 4343058 A3 20240501 (EN)

Application
EP 23192382 A 20230821

Priority
JP 2022138602 A 20220831

Abstract (en)
The object of the invention is to provide a papermaking belt whose warping at the end part during its use has been suppressed. Provided is a papermaking belt that is used in a papermaking machine and that comprises a first plane on which a wet paper web is placed and a second plane on the opposite side to the first plane, wherein the papermaking belt comprises a reinforcing fibrous substrate layer comprising at least one layer of a woven fabric, at least one layer of said woven fabric comprises a double or more combination weave pattern, said combination weave pattern comprises first yarns and second yarns that are placed in parallel; said first yarns are placed closer to the first plane-side than said second yarns, and said second yarns are placed closer to the second plane-side than said first yarns, and the fineness of said first yarns are greater than the fineness of said second yarns.

IPC 8 full level
D21F 3/02 (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)
D21F 1/0036 (2013.01 - EP US); **D21F 3/0227** (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **D21F 7/086** (2013.01 - EP US)

Citation (search report)
• [X] WO 2018047217 A1 20180315 - NIPPON FILCON KK [JP]
• [XAI] ES 2392093 T3 20121204 - ALBANY INT CORP [US]
• [XAI] US 5298124 A 19940329 - EKLUND NILS O [US], et al
• [A] US 6103067 A 20000815 - STELLJES JR MICHAEL GOMER [US], et al

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 4343058 A2 20240327; **EP 4343058 A3 20240501**; CN 117626700 A 20240301; JP 2024034395 A 20240313; US 2024068167 A1 20240229

DOCDB simple family (application)
EP 23192382 A 20230821; CN 202310950823 A 20230731; JP 2022138602 A 20220831; US 202318452670 A 20230821