

Title (en)

FLOOR CLEANING ARTICLE HAVING STRIPS WITH DIFFERENTIAL BOND PATTERN

Title (de)

BODENREINIGUNGSARTIKEL MIT STREIFEN MIT UNTERSCHIEDLICHEM LAMINIERUNGSMUSTER

Title (fr)

ARTICLE DE NETTOYAGE DU SOL PRÉSENTANT DES BANDES AVEC MOTIFS DE LIAISON DIFFÉRENTS

Publication

EP 3277146 A1 20180207 (EN)

Application

EP 16716396 A 20160401

Priority

- US 201514677268 A 20150402
- US 201514755506 A 20150630
- US 2016025473 W 20160401

Abstract (en)

[origin: WO2016161235A1] A cleaning article. The cleaning article has a laminate construction. The cleaning article comprises a sheet and a hydrophilic gather strip element joined together at plural bonds. The gather strip element has plural layers superimposed upon one another, providing strips extending outwardly from the bonds. Different layers are differentially bonded, to provide a construction which allows the strips to advantageously present a dynamically changing area to the target surface during cleaning, under normal usage conditions. By changing the surface area, more liquids, and associated debris, can be cleaned from the target surface.

IPC 8 full level

A47L 13/16 (2006.01); **A47L 13/20** (2006.01)

CPC (source: CN EP KR)

A47L 13/16 (2013.01 - CN EP KR); **A47L 13/20** (2013.01 - CN EP KR)

Citation (search report)

See references of WO 2016161235A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016161235 A1 20161006; CA 2981656 A1 20161006; CA 2981656 C 20191203; CN 107427180 A 20171201; CN 107427180 B 20201215; EP 3277146 A1 20180207; EP 3277146 B1 20231220; JP 2018510030 A 20180412; JP 2020000943 A 20200109; JP 6835931 B2 20210224; KR 102027667 B1 20191001; KR 20170122813 A 20171106

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