

Title (en)

METHOD FOR DYEING ELASTOMER PARTICLE FOAMS

Title (de)

VERFAHREN ZUM EINFÄRBen VON ELASTOMER-PARTIKELSCHÄUMEN

Title (fr)

PROCÉDÉ POUR COLORER DES MOUSSES PARTICULAIRES D'ÉLASTOMÈRE

Publication

EP 3700969 A1 20200902 (DE)

Application

EP 18789179 A 20181025

Priority

- EP 17198591 A 20171026
- EP 2018079293 W 20181025

Abstract (en)

[origin: WO2019081644A1] The invention relates to a method for producing dyed foamed particles consisting of an elastomer (E), at least having the steps of providing foamed particles made of at least one elastomer (E) and bringing the particles into contact with a mixture (MF) containing a dye (F) and a carrier liquid (TF), thereby obtaining dyed foamed particles, wherein the carrier liquid (TF) has a polarity which is suitable for a sorption of the carrier liquid into the elastomer. The invention additionally relates to dyed foamed particles which are obtained or can be obtained according to such a method and to the use of the dyed foamed particles according to the invention for producing molded bodies, in particular shoe soles, parts of the shoe sole, bicycle saddles, upholstery, mattresses, underlays, handles, protective films, floor coverings, and components for automobile interiors or exteriors.

IPC 8 full level

C08J 9/22 (2006.01); **C08J 9/224** (2006.01); **C08J 9/232** (2006.01); **C08J 9/236** (2006.01)

CPC (source: EP KR US)

C08J 9/22 (2013.01 - EP KR US); **C08J 9/224** (2013.01 - EP KR); **C08J 9/232** (2013.01 - EP KR); **C08J 9/236** (2013.01 - EP KR); **D06P 3/24** (2013.01 - US); **C08J 2205/052** (2013.01 - EP); **C08J 2300/22** (2013.01 - EP KR); **C08J 2300/26** (2013.01 - EP KR US); **C08J 2309/06** (2013.01 - EP KR); **C08J 2353/02** (2013.01 - EP KR); **C08J 2367/02** (2013.01 - EP KR); **C08J 2375/04** (2013.01 - US); **C08J 2375/08** (2013.01 - EP KR); **C08J 2377/06** (2013.01 - EP KR)

Citation (search report)

See references of WO 2019081644A1

Cited by

WO2022161981A1; WO2023208987A1; WO2022161995A1; WO2022248558A1; WO2022161994A1; WO2022161978A1

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

DOCDB simple family (publication)

WO 2019081644 A1 20190502; BR 112020006291 A2 20201013; CA 3080255 A1 20190502; CN 111263787 A 20200609; EP 3700969 A1 20200902; JP 2021500460 A 20210107; KR 20200070377 A 20200617; MX 2020004316 A 20200813; RU 2020117049 A 20211126; RU 2020117049 A3 20220421; TW 201932520 A 20190816; US 2020270806 A1 20200827

DOCDB simple family (application)

EP 2018079293 W 20181025; BR 112020006291 A 20181025; CA 3080255 A 20181025; CN 201880068552 A 20181025; EP 18789179 A 20181025; JP 2020523760 A 20181025; KR 20207014956 A 20181025; MX 2020004316 A 20181025; RU 2020117049 A 20181025; TW 107137776 A 20181025; US 201816758315 A 20181025