

Title (en)

FOOTWEAR STRUCTURE WITH ELECTRONIC LIGHT SYSTEM

Title (de)

SCHUHWERK MIT ELEKTRONISCHEM LICHTSYSTEM

Title (fr)

STRUCTURE DE CHAUSSURE AVEC SYSTÈME DE LUMIÈRE ÉLECTRONIQUE

Publication

EP 3720310 A1 20201014 (EN)

Application

EP 18830939 A 20181204

Priority

- IT 201700140116 A 20171205
- IB 2018059629 W 20181204

Abstract (en)

[origin: WO2019111151A1] The invention concerns a footwear structure (1) comprising a footwear unit (2) having an upper (3) and a sole (4), and an electronic light system (5) integrated in the footwear unit, wherein the upper and the sole are constrained to one another and wherein the electronic light system comprises a power source (7), a programmable light screen (8), a connecting port (9) and first connecting means (10) extended between the programmable light screen and the power source, and further comprising second connecting means (11) extended between the power source and the connecting port, wherein the footwear unit is equipped with a through opening extended on the upper or on the sole, wherein the through opening includes a first section and a second section that branches from the first section, wherein the programmable light screen overlaps the through opening from an outer side of the footwear unit, and wherein the first connecting means comprise first cables with no interruptions.

IPC 8 full level

A43B 1/00 (2006.01); **A43B 3/00** (2006.01)

CPC (source: EP US)

A43B 1/0072 (2013.01 - EP); **A43B 3/34** (2022.01 - EP US); **A43B 3/36** (2022.01 - EP); **A43B 3/38** (2022.01 - EP US); **A43B 3/0078** (2013.01 - EP)

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 2019111151 A1 20190613; CN 111683552 A 20200918; CN 111683552 B 20220527; EP 3720310 A1 20201014; EP 3720310 B1 20220420; ES 2913269 T3 20220601

DOCDB simple family (application)

IB 2018059629 W 20181204; CN 201880088512 A 20181204; EP 18830939 A 20181204; ES 18830939 T 20181204