

Title (en)
AUTOLACING FOOTWEAR HAVING AN ELONGATE SPOOL

Title (de)
SELBSTSCHNÜRENDES SCHUHWERK MIT LÄNGLICHER SPULE

Title (fr)
CHAUSSURE À AUTO-LAÇAGE DOTÉE D'UNE BOBINE ALLONGÉE

Publication
EP 3843576 A4 20211103 (EN)

Application
EP 19854903 A 20190830

Priority
• US 201862725672 P 20180831
• US 2019049081 W 20190830

Abstract (en)
[origin: US2020068982A1] An article of footwear and related method includes a midsole, an upper secured with respect to the midsole and forming a throat, and a plurality of laces extending across the throat of the upper. A motorized lacing system is positioned within the midsole and is configured to engage with a primary lace to increase and decrease tension on the primary lace. The motorized lacing system includes a motor, a lace spool, operatively coupled to the motor, configured to spool and unspool the primary lace based, and an elongate spool, the primary lace coupled to the elongate spool, configured to spool and unspool the plurality of laces based on operation of the motor and via the primary lace, each of the plurality of laces spaced along the elongate spool from one another.

IPC 8 full level
A43B 3/00 (2006.01); **A43B 11/00** (2006.01); **A43C 1/04** (2006.01); **A43C 7/00** (2006.01); **A43C 11/16** (2006.01); **A43C 19/00** (2006.01)

CPC (source: EP KR US)
A43B 3/34 (2022.01 - EP KR US); **A43B 11/00** (2013.01 - EP US); **A43C 1/04** (2013.01 - KR US); **A43C 7/005** (2013.01 - KR US); **A43C 7/08** (2013.01 - US); **A43C 11/165** (2013.01 - EP US); **A43C 19/00** (2013.01 - KR)

Citation (search report)
• [XAI] WO 2016195957 A1 20161208 - NIKE INNOVATE CV [US], et al
• [A] FR 3038815 A1 20170120 - DIGIT SOLUTIONS [FR]
• See also references of WO 2020047419A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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