

Title (en)  
FOOTWEAR HAVING REMOVABLE MOTORIZED ADJUSTMENT SYSTEM

Title (de)  
SCHUHWERK MIT ABNEHMBAREM MOTORISIERTEM EINSTELLSYSTEM

Title (fr)  
CHAUSSURE AYANT UN SYSTÈME DE RÉGLAGE MOTORISÉ AMOVIBLE

Publication  
**EP 3593662 A1 20200115 (EN)**

Application  
**EP 19175382 A 20140918**

Priority  

- US 201314032524 A 20130920
- EP 14790802 A 20140918
- US 2014056207 W 20140918

Abstract (en)  
A tensioning system for an article of footwear. The system includes a spool configured to rotate about a central axis. The spool includes a shaft and at least one dividing portion on the shaft. The at least one dividing portion includes a lace receiving channel extending through the dividing portion and including an aperture positioned radially away from the shaft. The lace receiving channel is configured to receive a lace. The spool is configured to tighten the tensioning system by winding the lace around portions of the shaft disposed on both sides of the at least one dividing portion.

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

CPC (source: EP)  
**A43B 3/38** (2022.01); **A43B 3/44** (2022.01); **A43B 11/00** (2013.01); **A43C 11/165** (2013.01)

Citation (applicant)  

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- US 2012000091 A1 20120105 - COTTERMAN JESSE D [US], et al
- US 2011266384 A1 20111103 - GOODMAN JAMES PAUL [US], et al
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Citation (search report)  

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DOCDB simple family (publication)  
**WO 2015042216 A1 20150326**; CN 105722419 A 20160629; CN 105722419 B 20180605; CN 108652118 A 20181016; CN 108652118 B 20220909; EP 3046434 A1 20160727; EP 3046434 B1 20190522; EP 3593662 A1 20200115; EP 3593662 B1 20221207; EP 4212052 A1 20230719; JP 2016530058 A 20160929; JP 6581989 B2 20190925

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