

Title (en)

SHOELACE LOOSENING PREVENTION DEVICE

Title (de)

VORRICHTUNG ZUR VERHINDERUNG DES LÖSENS VON SCHNÜRSSENKELN

Title (fr)

DISPOSITIF DE PRÉVENTION DE DESSERRAGE DE LACET

Publication

EP 4140351 A1 20230301 (EN)

Application

EP 21792246 A 20210331

Priority

- KR 20200048463 A 20200422
- KR 2021004016 W 20210331

Abstract (en)

A shoelace loosening prevention device includes a casing member including a cover part that has a front end cut-portion and a rear end cut-portion, a bottom that has a drawing-out member fixing portion, a guide hole, and a rear end cut-portion, sides that have fixed pressing-protrusions formed inside thereof, respectively, and a pressing member accommodation section and a feeding member accommodation section, a pressing member accommodated in the pressing member accommodation section, having a guide protrusion at a center of a bottom thereof, and having moving pressing-protrusions on both sides thereof, an elastic member having a first end accommodated in the elastic member accommodation section, a feeding member accommodated in the feeding member accommodation section, coupled to the pressing member, and forming a pair of left and right shoelace drawing-in holes, and sides coupled to a front end of the casing member and having shoelace drawing-out holes, respectively.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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