

Title (en)  
FASTENER STRINGER

Title (de)  
VERSCHLUSSLEISTE

Title (fr)  
DEMI-CHAÎNE DE FERMETURE

Publication  
**EP 3791747 A4 20210630 (EN)**

Application  
**EP 19799628 A 20190425**

Priority  
• VN 201801982 A 20180510  
• JP 2019017816 W 20190425

Abstract (en)  
[origin: EP3791747A1] Provided is a fastener stringer which is capable of enhancing the strength of elements while making the elements appear to have a slimmer width in the lateral direction. The elements (30) each have an upper half portion (40) disposed on the upper surface side of a tape (20) and a lower half portion (50) disposed on the undersurface side of the tape. The upper half portion (40) has a first division part (41) and a second division part (42) that are divided in the longitudinal direction of the tape, and reinforcement parts (43, 44) that connect between the first division part (41) and the second division part (42). The tape (20) is exposed between the first division part (41) and the second division part (42).

IPC 8 full level  
**A44B 19/02** (2006.01); **A44B 19/06** (2006.01); **A44B 19/08** (2006.01)

CPC (source: CN EP)  
**A44B 19/02** (2013.01 - EP); **A44B 19/06** (2013.01 - EP); **A44B 19/24** (2013.01 - CN EP); **A44B 19/34** (2013.01 - CN); **A44B 19/34** (2013.01 - EP)

Citation (search report)  
• [ID] CN 103564993 A 20140212 - SHANGHAI YKK ZIPPER CO LTD, et al  
• See references of WO 2019216256A1

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)  
**EP 3791747 A1 20210317**; **EP 3791747 A4 20210630**; **EP 3791747 B1 20230830**; WO 2019216256 A1 20191114

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