

Title (en)  
PIERCING DEVICE WITH RETRACTABLE NEEDLE

Title (de)  
DURCHSTECHVORRICHTUNG MIT ZURÜCKZIEHBARER NADEL

Title (fr)  
DISPOSITIF DE PERFORATION À AIGUILLE RÉTRACTABLE

Publication  
**EP 4118996 A1 20230118 (EN)**

Application  
**EP 22185031 A 20220714**

Priority  
GB 202110227 A 20210715

Abstract (en)  
A piercing device (1) comprising a main body (2), a piercing needle (3) and a stud member (4), in which said piercing needle protrudes in a first direction from a first slider (5), in which said first slider is mounted on a first track (6) provided on said main body, and is reciprocally moveable along a piercing axis between a stand-by position and a piercing position, in which said stud member is removably mounted to second slider (7) and protrudes therefrom in a second direction opposite to said first direction, in which said second slider is mounted on a second track (8) and is moveable along said piercing axis (B-B) in said second direction, in which said first slider comprises a first connector part (28) and said second slider comprises a second connector part (29), in which in a first device configuration said first slider is in said stand-by position and is located relative to said second slider such that said first connector part is spaced from said second connector part, and in which in a second device configuration said first slider is in said piercing position and is located relative to said second slider such that said first connector part is engaged with said second connector part, and subsequent movement of said first slider in said second direction is transmitted to said second slider.

IPC 8 full level  
**A44C 7/00** (2006.01); **A44C 15/00** (2006.01)

CPC (source: CN EP GB US)  
**A44C 7/001** (2013.01 - CN EP GB US); **A44C 15/0035** (2013.01 - GB)

Citation (search report)  
• [A] KR 100644106 B1 20061110 - JEISYS MEDICAL INC [KR]  
• [A] GB 2310378 A 19970827 - CULVERWELL STEVEN JOHN [GB]

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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**EP 22185031 A 20220714**; AU 2022205257 A 20220715; CA 3168030 A 20220715; CN 202210832628 A 20220715; GB 202110227 A 20210715; US 202217864823 A 20220714