

Title (en)  
EXPLOSIVE DISCONNECT

Title (de)  
EXPLOSIVE TRENNUNG

Title (fr)  
DÉCONNEXION EXPLOSIVE

Publication  
**EP 3981946 A1 20220413 (EN)**

Application  
**EP 21153524 A 20210126**

Priority  
US 202017064185 A 20201006

Abstract (en)  
A coupling system, comprising: a lower marine riser package (12) configured with a connector (10B); a blowout preventer (14) configured with a connector (10A); explosively frangible fasteners comprising explosively frangible nuts (10C) disposed to couple the lower marine riser package connector (10B) to the blowout preventer connector (10A), wherein the explosively frangible nuts are sealed off from the external environment; each explosively frangible nut having at least one explosive charge (34) disposed thereon; and at least one explosively frangible nut configured for electronic triggering to set off the at least one explosive charge disposed on the nut.

IPC 8 full level  
**E21B 33/038** (2006.01)

CPC (source: EP)  
**E21B 33/038** (2013.01)

Citation (search report)

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- [Y] US 2001001633 A1 20010524 - FISHER EDMUND A [US]
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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)  
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