

Title (en)

MULTIPOINT PAYLOAD RELEASE SYSTEM

Title (de)

MEHRPUNKT-NUTZLASTFREIGABESYSTEM

Title (fr)

SYSTÈME DE RELÂCHEMENT DE CHARGE UTILE À POINTS MULTIPLES

Publication

EP 3947156 A4 20221228 (EN)

Application

EP 20782385 A 20200310

Priority

- US 201916371282 A 20190401
- US 2020021829 W 20200310

Abstract (en)

[origin: WO2020205174A1] Networked initiation systems for hold-down and release mechanisms (HDRMs) are described. The systems include a control unit, a plurality of firing control units operably connected to and in communication with the control unit, wherein each firing control unit has at least one HDRM operably connected thereto, and wherein each firing control unit is individually addressable by the control unit over an interface bus to enable selective operation of the HDRMs operably connected to the firing control units.

IPC 8 full level

B64G 1/10 (2006.01); **B64G 1/22** (2006.01); **B64G 1/42** (2006.01); **B64G 1/64** (2006.01)

CPC (source: EP)

B64G 1/428 (2013.01); **B64G 1/641** (2013.01); **B64G 1/643** (2023.08); **B64G 1/645** (2013.01)

Citation (search report)

- [X] US 2016318636 A1 20161103 - FIELD DANIEL W [US], et al
- [X] US 2018072434 A1 20180315 - NOVOTNEY DAVID [US], et al
- [X] US 9810515 B1 20171107 - CURRENT PETER J [US], et al
- [A] FR 2805245 A1 20010824 - CENTRE NAT ETD SPATIALES [FR]
- See also references of WO 2020205174A1

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

DOCDB simple family (publication)

WO 2020205174 A1 20201008; EP 3947156 A1 20220209; EP 3947156 A4 20221228

DOCDB simple family (application)

US 2020021829 W 20200310; EP 20782385 A 20200310