

Title (en)
TRANSPORT OF EXPLOSIVES

Title (de)
SPRENGSTOFFTRANSPORT

Title (fr)
TRANSPORT D'EXPLOSIFS

Publication
EP 3994338 A4 20230524 (EN)

Application
EP 20834849 A 20200702

Priority
• ZA 201904365 A 20190703
• IB 2020056262 W 20200702

Abstract (en)
[origin: WO2021001783A1] A method of transporting emulsion explosive vertically includes feeding emulsion explosive into a vertically extending conduit, onto a support member that is located in the conduit such that emulsion explosive is supported on the support member in the conduit. The support member is vertically movable along the conduit at a predetermined, variable, controllable rate of descent. The method further includes moving the support member vertically downward in the conduit at a predetermined, variable, controlled rate of descent, thus transporting emulsion explosive vertically in the conduit.

IPC 8 full level
E21F 13/00 (2006.01); **B65G 35/00** (2006.01); **F42B 99/00** (2006.01); **F42D 5/00** (2006.01); **F42D 99/00** (2009.01)

CPC (source: AU EP)
E21D 8/00 (2013.01 - AU); **E21F 13/006** (2013.01 - AU EP); **F42D 1/10** (2013.01 - AU EP)

Citation (search report)
• [X] WO 2005003678 A2 20050113 - DYN0 NOBEL INC [US], et al
• [X] GB 1189585 A 19700429 - CANADIAN IND [CA]
• [A] US 4132172 A 19790102 - HUTCHINS NED M, et al
• See references of WO 2021001783A1

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 2021001783 A1 20210107; EP 3994338 A1 20220511; EP 3994338 A4 20230524; ZA 202102408 B 20220928

DOCDB simple family (application)
IB 2020056262 W 20200702; EP 20834849 A 20200702; ZA 202102408 A 20210413