

Title (en)
MINING SCREENING PANEL FIXING SYSTEM

Title (de)
SYSTEM ZUM FIXIEREN VON ABSCHIRMTAFELN IM BERGBAU

Title (fr)
SYSTÈME DE FIXATION DE PANNEAU DE CRIBLAGE D'EXPLOITATION MINIÈRE

Publication
EP 3634653 A4 20210310 (EN)

Application
EP 18812827 A 20180606

Priority
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• AU 2018050561 W 20180606

Abstract (en)
[origin: WO2018223186A1] To address the problem of safety and ease of installation of mining screen panels it is proposed to provide a system where panels can be placed in position and then locked using a mechanical or electrical actuation. The lugs of the screen panels are locked an actuatable mechanism, that allows the panels to be placed and then secured by actuation. The actuation mechanism is preferably enclosed in a beam below the panel.

IPC 8 full level
B07B 1/46 (2006.01); **B07B 1/04** (2006.01)

CPC (source: EP)
B07B 1/4645 (2013.01)

Citation (search report)
• [Y] US 3980555 A 19760914 - FREISSLE MANFRED FRANZ AXEL
• [YA] US 8727127 B2 20140520 - WOODGATE RAYMOND MAXWELL [AU], et al
• [Y] US 2010006481 A1 20100114 - WAITES JR ROBERT F [US]
• [Y] US 4892767 A 19900109 - FREISSLE MANFRED F A [DE]
• [A] EP 2942112 A1 20151111 - OPTIPRO AS [NO]
• [A] US 2009294335 A1 20091203 - ROPPO MARK [US], et al
• [A] US 4744898 A 19880517 - BAILEY MARSHALL G [GB]
• See also references of WO 2018223186A1

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 2018223186 A1 20181213; AU 2018280344 A1 20200116; AU 2018280344 B2 20211104; BR 112019024363 A2 20200609;
CA 3065960 A1 20181213; CA 3065960 C 20230704; CL 2019003575 A1 20200417; DK 3634653 T3 20230731; EP 3634653 A1 20200415;
EP 3634653 A4 20210310; EP 3634653 B1 20230628; FI 3634653 T3 20230720; ZA 201907580 B 20240731

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AU 2018050561 W 20180606; AU 2018280344 A 20180606; BR 112019024363 A 20180606; CA 3065960 A 20180606;
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