

Title (en)  
DRILL BIT CHANGE IN FACE DRILL RIG

Title (de)  
BOHRMEISSELWECHSEL IN EINEM GESICHTSBOHRGESTELL

Title (fr)  
CHANGEMENT DE TRÉPAN DANS UN APPAREIL DE FORAGE DE FACE

Publication  
**EP 4267830 A2 20231101 (EN)**

Application  
**EP 21834973 A 20211217**

Priority  
• SE 2051561 A 20201223  
• SE 2021051282 W 20211217

Abstract (en)  
[origin: WO2022139663A2] Disclosed herein is an automatic drill bit changer on a feed beam configured to be part of a drill rig for rock-drilling, wherein the drill bit changer is elongate and mounted along opposed first and second sides of the feed beam. The drill bit changer has a drill bit change positioner movably on the first side and reaching by a positioner arm underneath the feed beam to the second side and a combination of a drill bit feeder and a drill bit magazine mounted on the second side of the feed beam. The drill bit change positioner is capable of swinging with a single longitudinal and rotational movement axis from a drill bit feeder position on the second side to a protruded position at which it interacts with a drill rod to change drill bits. A drill rig so equipped and related method aspects are disclosed.

IPC 8 full level  
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**SE 2021051282 W 20211217**; AU 2021408915 A 20211217; CA 3195931 A 20211217; CN 202180084017 A 20211217; EP 21834973 A 20211217