

Title (en)
TWO-PART CLAMPING DEVICE

Publication
EP 0023619 B1 19841010 (DE)

Application
EP 80104082 A 19800715

Priority
DE 2931502 A 19790803

Abstract (en)
[origin: EP0023619A1] 1. Pair of connecting strainers for interlocated reciprocally braced ends of channel-shaped mine-lining frames, of which the clamping connectors (A, B) comprise, engaging under the gallery-side lining profile (2) and bearing on the flanges (6) thereof, half-clamps (9, 9'), the flanges (13) of which are traversed by the shanks of hook-head bolts (11), the hook heads of which engage over the flanges (5) of the face-side lining profile (1) and bolted onto the ends of which are clamping nuts (12) which are braced on those sides of the flanges (13) of the half-clamps (9, 9') which are remote from the face-side lining profile (1), the clamping connector (A), which is associated with the end of the face-side lining profile (1) having, to bridge this, a cover plate (10) provided, for the hook heads of the bolts (11) of the clamping connector (A), with in each case a throughway aperture (25, 26) and with a drive member (15) associated with the face-side lining profile (1), a drive member (14) being provided on the half-clamp (9') of the clamping connector (B) associated with the end of the gallery-side lining profile (2) and being associated with the gallery-side lining profile (2), characterised in that at least the half-clamp (9) of the clamping connector (A) which is associated with the face-side lining profile consists of two parts (16) which are separably connected to each other in the regions of their contacting face (17), the mutually contacting contours of half-clamp (9) and gallery-side lining profile (12) and the throughway apertures (25, 26) in the cover plate (10) being so formed that by separating the two parts (12), it is possible to bring about an opening-out movement of hook-head bolts (11) and half-clamp parts (16), permitting of a friction-inhibited and limited slipping of the gallery-side lining profile (2).

IPC 1-7
E21D 11/22

IPC 8 full level
E21D 11/22 (2006.01)

CPC (source: EP)
E21D 11/22 (2013.01)

Citation (examination)
DE 2547407 C3 19780914

Cited by
GB2141159A

Designated contracting state (EPC)
AT FR GB

DOCDB simple family (publication)
EP 0023619 A1 19810211; EP 0023619 B1 19841010; AT E9831 T1 19841015; DE 2931502 B1 19810212; DE 2931502 C2 19811022

DOCDB simple family (application)
EP 80104082 A 19800715; AT 80104082 T 19800715; DE 2931502 A 19790803