

Title (en)

Mineral winning pick, pick box, and combination

Title (de)

Mineralgewinnender Meissel, Meisselhalter und entsprechende Kombination

Title (fr)

Pic d'abattage minéral, porte-pic et combinaison

Publication

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Application

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Abstract (en)

A mineral cutter pick (1) has an oblong section to define leading (3), trailing (4) and side (5) faces of a shank (2), and hence has longitudinal and transverse axes (6, 7). The shank (2) is provided with a single, circular section through hole (16) extending orthogonally across its side faces (5), in which hole (16) is fitted a resilient member (17) of circular section with an external diameter to match that of the hole (16), the resilient member (17) itself having a coaxial through hole (18) so as to provide an annulus of constant thickness when uncompressed and adapted, in use, after the pick shank (2) has been inserted into a shank-receiving aperture (22) of a pick box (5), to itself receive, and frictionally retain, a manually insertable, and manually removable, metal pin (23) adapted to project beyond the side faces (5). The invention also includes a pick box (15), to receive the shank (2) comprising a body (28) provided with a through hole (31) extending orthogonally across the body (28) and adapted, in use, to intersect with the through hole (18) of the resilient member (17). The invention also includes a pick and box combination.

IPC 8 full level

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Citation (applicant)

- GB 1062752 A 19670322 - AUSTIN HOY & CO LTD
- GB 2420360 A 20060524 - HYDRA MINING TOOLS INTERNAT LT [GB]

Cited by

US10889966B2; WO2019200195A1

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