

Title (en)
ANCHOR HOUSING LOAD ABSORBER

Title (de)
ANKERGEHÄUSELASTABSORBER

Title (fr)
ABSORBEUR DE CHARGE DE BOÎTIER D'ANCRAGE

Publication
EP 4166750 B1 20240605 (EN)

Application
EP 22185478 A 20220718

Priority
PL 43853821 A 20210720

Abstract (en)
[origin: EP4166750A1] The invention relates to a load absorber of the roof bolting having a connection with the end of the bolting embedded in the rock mass, characterized in that it is constituted by a dome bolting washer (6) and a special bolt having at one end a cylindrical section (5a) provided with a thread, passing into tapered shaft (5b), the diameter of which increases towards the other end, equipped with a head (5d) of any known shape, while in the working position, the bolt is passed through a hole in the domed bolting washer (6), inverted convexly towards the excavation and connected to the bolting rod (1) by means of a connecting sleeve (4) screwed onto the threaded end of the bolting rod (1) and onto the threaded cylindrical section (5a) of the bolt so that the hole of the dome bolting washer (6), encompasses tapered shaft (5b) of the bolt in the vicinity of half of its length, and, in addition, the section of tapered shaft (5b) on the side of the head (5d) has a graduated strain marker (5c).

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