

Title (en)

BLOCK LOCK FOR ROUND STEEL CHAINS FOR MINING

Title (de)

BLOCKSCHLOSS FÜR RUNDSTAHLKETTEN FÜR DEN BERGBAU

Title (fr)

SERRURE DE BLOCAGE POUR CHÂÎNES EN ACIER ROND UTILISÉES DANS L'INDUSTRIE MINIÈRE

Publication

EP 3810958 A1 20210428 (DE)

Application

EP 19734681 A 20190624

Priority

- DE 102018115129 A 20180622
- DE 2019100581 W 20190624

Abstract (en)

[origin: CA3103338A1] Block lock (100) for round steel chains, having two half-elements (10) which are displaceable relative to one another for opening and closing the block lock (100) and which each have ends connected to one another via a longitudinal web (10.1), of which in each case one end has an insertion plug (11) with a width reduced in relation to the longitudinal web and with retaining webs (13.1, 13.2) integrally formed on both sides, wherein at least two parallel retaining webs (13.1, 13.2) are arranged above one another on each side, and of which in each case the other end has a receiving pocket (12) which serves to receive the insertion plug (11) and on the two lateral inner flanks of which there are in each case formed at least two retaining grooves (14.1, 14.2) above one another to form a toothing by receiving the retaining webs (13.1, 13.2). A central web (10.2) extends inwardly from at least one longitudinal web (10.1). The insertion plug (11) widens, as seen in side view, from the longitudinal web (10.1) towards its end, and the length of the retaining webs (13.1, 13.2) increases. At the same time, the receiving pocket (12), as seen in side view, narrows from the longitudinal web (10.1) to its end.

IPC 8 full level

F16G 15/02 (2006.01)

CPC (source: EP KR US)

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See references of WO 2019242819A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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