

Title (en)

WEDGE FOR POST TENSIONING TENDON

Title (de)

KEIL FÜR NACHTRÄGLICHES SPANNEN VON BEWEHRUNGSKABELN

Title (fr)

CLAVETTE POUR L'ANCRAGE DE CÂBLES

Publication

EP 3118386 A1 20170118 (EN)

Application

EP 16179904 A 20160718

Priority

- US 201562193866 P 20150717
- US 201562193883 P 20150717
- US 201562193898 P 20150717
- US 201514838779 A 20150828
- US 2015047389 W 20150828

Abstract (en)

A wedge assembly for post tensioning concrete includes one or more wedges and a wedge ring. Each wedge includes an outer surface having a circumferential groove formed thereon. The wedge ring is adapted to fit into the groove of the wedges and retain the wedges to a strand. The wedge ring including a gap adapted to allow the wedge ring to be installed from the side of the wedges. When installed to the strand, the wedges may form a clearance fit maintained by the wedge ring. At least one wedge may include a guide adapted to assist with the separation of the wedges when installed to the strand.

IPC 8 full level

E04C 5/12 (2006.01)

CPC (source: EP)

E04C 5/122 (2013.01)

Citation (search report)

- [X] EP 0659976 A2 19950628 - RSC MINING PROPRIETARY LIMITED [ZA]
- [A] GB 804530 A 19581119 - STRESSTEEL CORP

Cited by

US2021381239A1; US2022372761A1; US11680407B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3118386 A1 20170118; EP 3118386 B1 20210811

DOCDB simple family (application)

EP 16179904 A 20160718