

Title (en)

SUPPORT RIB OF AN EXCAVATION AND METHOD FOR PRODUCING A SUPPORT STRUCTURE INSIDE AN EXCAVATION

Title (de)

STÜTZRIPPE EINER AUSGRABUNG UND VERFAHREN ZUR HERSTELLUNG EINER STÜTZSTRUKTUR INNERHALB EINER AUSGRABUNG

Title (fr)

NERVURE DE SUPPORT D'UNE EXCAVATION ET PROCÉDÉ DE FABRICATION D'UNE STRUCTURE DE SUPPORT À L'INTÉRIEUR D'UNE EXCAVATION

Publication

EP 3884138 B1 20240612 (EN)

Application

EP 19827811 A 20191120

Priority

- IT 201800010509 A 20181122
- IB 2019059983 W 20191120

Abstract (en)

[origin: WO2020104966A1] A rib (10) for supporting an excavation comprises at least one structural element (12) and at least one connection assembly (14) for the structural element of the rib with respect to a structural element of an adjacent rib (10'), wherein the connection assembly (14) comprises a male engagement element (30) and a female engagement element (32); the male engagement element comprises a head (26) and a neck (24) and the female engagement element comprises a retention element (40), the head (26) being capable of being inserted in the female engagement member (32') of the connection assembly (14') of the adjacent rib (10') in such a manner that the retention element (40') of the female engagement element (32') of the adjacent rib (10') retains the neck (24).

IPC 8 full level

E21D 11/28 (2006.01)

CPC (source: EP)

E21D 11/28 (2013.01)

Citation (examination)

- DE 1121005 B 19620104 - LORENZ POLYGON AUSBAU GMBH
- EP 3152400 B1 20201216 - OFFICINE MACCAFERRI ITALIA S R L [IT]

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

DOCDB simple family (publication)

WO 2020104966 A1 20200528; BR 112021006831 A2 20210810; CN 113015843 A 20210622; DK 3884138 T3 20240909; EP 3884138 A1 20210929; EP 3884138 B1 20240612; IT 201800010509 A1 20200522; LT 3884138 T 20240925; PT 3884138 T 20240911

DOCDB simple family (application)

IB 2019059983 W 20191120; BR 112021006831 A 20191120; CN 201980074741 A 20191120; DK 19827811 T 20191120; EP 19827811 A 20191120; IT 201800010509 A 20181122; LT IB2019059983 T 20191120; PT 19827811 T 20191120