

Title (en)

PROCESS AND DEVICE FOR MOVING A TRAVELLING SCAFFOLDING AROUND BRIDGE PIERS

Title (de)

VERFAHREN ZUM UMSETZEN EINES VERFAHRBAREN ARBEITSGERÜSTES UM BRÜCKENPFEILER UND VORRICHTUNG ZUM DURCHFÜHREN DES VERFAHRENS

Title (fr)

PROCEDE PERMETTANT DE DEPLACER UN ECHAUFAUDAGE MOBILE AUTOUR DE PILES DE PONT ET DISPOSITIF DE MISE EN UVRE DUDIT PROCEDE

Publication

EP 0724669 B1 19980114 (DE)

Application

EP 94921521 A 19940714

Priority

- AT 9400092 W 19940714
- AT 141093 A 19930715
- AT 141793 A 19930716
- AT 165593 A 19930818

Abstract (en)

[origin: WO9502730A1] In order to inspect and rehabilitate bridges (4), a scaffolding (1) is provided that is suspended from the bridge (4) and can be moved in the longitudinal direction of the bridge (4). In order to move the scaffolding (1) around bridge piers (6) or the like in a particularly easy manner, the scaffolding (1) may be lowered at one of its both ends (16, 17) until it hangs freely downwards and can be moved around the bridge pier (6). It may then be swung up once again by pulling up the lowered end (16, 17). The length of the scaffolding (1) to be swung downwards may be reduced by subdividing the middle area of the scaffolding (1) into two parts (2, 3). Each part (2, 3) may be lowered by means of cables (10) that run from its junction to the opposite edge (15) of the bridge (4), until both parts (2, 3) hang freely downwards and may be moved around the bridge piers (6), then be pulled up once again.

IPC 1-7

E01D 19/10

IPC 8 full level

E01D 19/10 (2006.01); **E01D 22/00** (2006.01)

CPC (source: EP)

E01D 19/106 (2013.01)

Cited by

DE202021106002U1

Designated contracting state (EPC)

AT CH DE ES FR IT LI

DOCDB simple family (publication)

WO 9502730 A1 19950126; AT E162254 T1 19980115; AU 7221794 A 19950213; DE 59405048 D1 19980219; EP 0724669 A1 19960807; EP 0724669 B1 19980114; JP H09503831 A 19970415

DOCDB simple family (application)

AT 9400092 W 19940714; AT 94921521 T 19940714; AU 7221794 A 19940714; DE 59405048 T 19940714; EP 94921521 A 19940714; JP 50423595 A 19940714