

Title (en)
JOINING ARRANGEMENT

Title (de)
VERBINDUNGSANORDNUNG

Title (fr)
DISPOSITIF DE LIAISON

Publication
EP 0733136 A1 19960925 (DE)

Application
EP 95900054 A 19941028

Priority
• DE 9401284 W 19941028
• DE 4341626 A 19931207

Abstract (en)
[origin: US5725330A] PCT No. PCT/DE94/01284 Sec. 371 Date Jun. 4, 1996 Sec. 102(e) Date Jun. 4, 1996 PCT Filed Oct. 28, 1994 PCT Pub. No. WO95/16081 PCT Pub. Date Jun. 15, 1995Joining arrangements (7) capable of swivelling around an axis bolt (6) are limited in their swivelling by one of the springs of a pair of springs (12, 13) welded together into a unit to make it possible to individually or alternately drive or pull opposite lining elements (1) of a canal lining system into or out of the soil without causing the braces (4) that prop the lining elements (1) against each other nor their joining arrangements (7) to be deformed.

IPC 1-7
E02D 17/08

IPC 8 full level
E02D 17/08 (2006.01)

CPC (source: EP US)
E02D 17/083 (2013.01 - EP US)

Citation (search report)
See references of WO 9516081A1

Designated contracting state (EPC)
AT BE DE DK ES FR GB GR IE IT NL PT SE

DOCDB simple family (publication)
US 5725330 A 19980310; AT E162255 T1 19980115; AU 8103694 A 19950627; BG 100570 A 19961031; BG 61618 B1 19980130; CZ 164096 A3 19970611; CZ 285976 B6 19991215; DE 4341626 C1 19950316; EP 0733136 A1 19960925; EP 0733136 B1 19980114; HU 217951 B 20000528; HU 9601319 D0 19961128; HU T74802 A 19970228; PL 175772 B1 19990226; PL 314610 A1 19960916; WO 9516081 A1 19950615

DOCDB simple family (application)
US 65618396 A 19960604; AT 95900054 T 19941028; AU 8103694 A 19941028; BG 10057096 A 19960506; CZ 164096 A 19941028; DE 4341626 A 19931207; DE 9401284 W 19941028; EP 95900054 A 19941028; HU 9601319 A 19941028; PL 31461094 A 19941028