

Title (en)
TRENCH-SHORING UNIT

Publication
EP 0238783 B1 19900502 (DE)

Application
EP 87100105 A 19870107

Priority
DE 8605280 U 19860227

Abstract (en)
[origin: US4752157A] A trench shoring box unit having hollow partition walls and internal support webs. The partition walls positioned spaced apart and facing each other and connected together by adjustable length braces. The partition walls are constructed of aluminum and have a tongue-and-groove joint formed on the longitudinal edges for interlocking with adjacent partition walls. The transverse edges of each partition wall tightly engages a recess formed on one side of shoe bars. A flange is formed on the other side of the shoe bar and projects outwardly beyond the surface of the partition wall along the transverse edge. The adjustable length braces are connected to the flanges.

IPC 1-7
E02D 17/08

IPC 8 full level
E02D 17/08 (2006.01)

CPC (source: EP US)
E02D 17/08 (2013.01 - EP US); **E02D 17/083** (2013.01 - EP US)

Cited by
DE9413807U1; DE4040560A1; WO9005810A1; EP2246480A3; EP2677085A3; EP2246480A2; DE102009003821A1; EP2677085A2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
US 4752157 A 19880621; AT E53876 T1 19900615; CA 1271740 A 19900717; DE 3762531 C5 20060126; DE 3762531 D1 19900607; EP 0238783 A1 19870930; EP 0238783 B1 19900502; ES 2014255 B3 19900701; GR 3000663 T3 19910927

DOCDB simple family (application)
US 1801887 A 19870224; AT 87100105 T 19870107; CA 530651 A 19870226; DE 3762531 T 19870107; EP 87100105 A 19870107; ES 87100105 T 19870107; GR 900400521 T 19900725