

Title (en)  
Shoring device

Title (de)  
Verbauvorrichtung

Title (fr)  
Dispositif d'étalement

Publication  
**EP 0678629 B1 19981202 (DE)**

Application  
**EP 95104682 A 19950330**

Priority  
DE 4413371 A 19940419

Abstract (en)  
[origin: EP0678629A1] The build-up device is for the support of staged walls of a ditch, and comprises paired opposing vertical supports (1,2) arranged at equal distances along the ditch, with bracing devices holding the supports of a pair spaced apart. Large surfaced outer and upper build-up plates (4) are provided, the edges of which are vertically displaceable in guide channels (3) of the supports. Also, large surfaced inner and lower build-up plates (5) are provided, the edges of which are vertically displaceable in guide channels of the supports. Instead of an outer and upper build-up plate in the guide channels of the supports an upper board chamber plate (14) is insertable, in which adjacent channel boards (12) are insertable and vertically displaceable. <IMAGE>

IPC 1-7  
**E02D 17/08**

IPC 8 full level  
**E02D 17/08** (2006.01)

CPC (source: EP)  
**E02D 17/08** (2013.01)

Cited by  
DE19726339A1; US7972085B2; WO2007122255A3; WO2011030059A1

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

DOCDB simple family (publication)  
**EP 0678629 A1 19951025; EP 0678629 B1 19981202**; AT E174086 T1 19981215; DE 4413371 A1 19951026; DE 59504380 C5 20050728; DE 59504380 D1 19990114

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