

Title (en)
SHORING APPARATUS FOR THE SHORING OF TRENCHES

Publication
EP 0103706 B1 19860514 (DE)

Application
EP 83107326 A 19830726

Priority
DE 3234440 A 19820917

Abstract (en)
[origin: US4521137A] A trenching casing for the continuous excavation and refilling of trenches for the installation of conduits into the ground has spaced side walls consisting of at least upper and lower sections which are longitudinally movably relative to each other and each of which has a rear face plate with a hydraulic advancing cylinder for pushing the respective section forwardly, and the upper and lower sections are interconnected by hydraulic operating cylinders which facilitate the advancing of one of the sections relative to, and guided by, the other section which, meanwhile, remains in a firm position.

IPC 1-7
E02D 17/08

IPC 8 full level
E02D 17/08 (2006.01)

CPC (source: EP US)
E02D 17/086 (2013.01 - EP US)

Cited by
EP0609872A1; EP0585657A1; WO9319253A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0103706 A1 19840328; EP 0103706 B1 19860514; DE 3363513 D1 19860619; US 4521137 A 19850604

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EP 83107326 A 19830726; DE 3363513 T 19830726; US 51834583 A 19830729