

Title (en)  
TEMPORARY SOIL SHEATHING APPARATUS

Title (de)  
VORRICHTUNG ZUR VORÜBERGEHENDEN BODENVERSCHALUNG

Title (fr)  
APPAREIL DE REVETEMENT DE SOL TEMPORAIRE

Publication  
**EP 1954885 A1 20080813 (EN)**

Application  
**EP 06812614 A 20061115**

Priority

- KR 2006004801 W 20061115
- KR 20050109710 A 20051116
- KR 20050109711 A 20051116
- KR 20050109712 A 20051116

Abstract (en)  
[origin: WO2007058464A1] A temporary soil sheathing apparatus supports a set of intermediate bracing beams in a triangular supporting structure during pit excavation work for constructing an underground structure, so that it can satisfactorily support soil pressure. Thus, it is possible to prevent space from being reduced by a complicated supporting structure, reduce construction costs through reduced use of materials, and increase work space to improve productivity. The temporary soil sheathing apparatus simplifies a corner connecting structure, and reinforces ability to withstand the soil pressure transmitted from the bracing beams and wales. Thereby, it is possible to prevent space from being reduced by a complicated supporting structure, reduce construction costs through reduced use of materials, and increase work space to thus improve productivity.

IPC 8 full level  
**E02D 17/04** (2006.01)

CPC (source: EP)  
**E02D 17/04** (2013.01)

Citation (search report)  
See references of WO 2007058464A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007058464 A1 20070524**; CN 101310079 A 20081119; CN 101310079 B 20110202; EP 1954885 A1 20080813; JP 2009516109 A 20090416; JP 4960969 B2 20120627

DOCDB simple family (application)  
**KR 2006004801 W 20061115**; CN 200680042739 A 20061115; EP 06812614 A 20061115; JP 2008541074 A 20061115