

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  

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- 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  
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