

Title (en)  
Installation structure for earth retaining wall

Title (de)  
Installationsstruktur für eine Stützwand

Title (fr)  
Structure d'installation pour mur de rétention de terre

Publication  
**EP 2034095 A1 20090311 (EN)**

Application  
**EP 07253512 A 20070905**

Priority  
EP 07253512 A 20070905

Abstract (en)  
An installation structure for an earth retaining wall is disclosed, in which the upper and lower ends of a corrugated and inclined earth plate (2) are bent in a direction of a plane part of an intermediate side, and an earth plate (2) stacked up and down is prevented from widening by installing a widening prevention member which prevents a widening of up and down inward bent parts contacting with an earth plate which is stacked and inserted between H-beam (1) wing parts at a front end of an earth plate fixture (3) which is threaded and installed between an inner surface of a H-beam wing part and a back surface of the earth plate and allows the earth plate to come closer to the wing part. In addition, a channel shaped bracket (21) capable of slide-inserting the earth plate (2) into the H-beam (1) wing parts at a plane part of both ends of the earth plate for thereby inserting the earth plate between the H-beams (1). Even when a narrow earth plate is inserted between the wider wing parts of the H-beam, the earth plate is stably installed in place. A wire rope (7) is installed at a plurality of H-beams (1) for thereby preventing the neighboring H-beams (1) from being widened.

IPC 8 full level  
**E02D 29/02** (2006.01)

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

Citation (search report)  
• [DXA] KR 200175225 Y1 20000315 - EUISUNG IND CO LTD [KR]  
• [DXA] KR 200205774 Y1 20001201 - STEEL KOREA ENG & CONST CO LTD [KR], et al  
• [X] EP 1688544 A1 20060809 - PILEPRO LLC [US]  
• [A] GB 1010691 A 19651124 - ALBERT STEPHEN JARVIS

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CN108532612A

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 2034095 A1 20090311**

DOCDB simple family (application)  
**EP 07253512 A 20070905**