

Title (en)

Method of controlling deformation of a cut end region of an arch type structure

Title (de)

Verfahren zur Verformungskontrolle von abgeschrägten/schiefen Enden einer bogenförmigen Struktur

Title (fr)

Méthode pour contrôler la déformation des extrémités biseautées/obliques d' une structure de type arche.

Publication

EP 1963582 A1 20080903 (EN)

Application

EP 06840549 A 20061222

Priority

- CA 2006002123 W 20061222
- CA 2531547 A 20051223

Abstract (en)

[origin: CA2531547A1] A method for controlling deformation of a cut end region of an erected arch-type structure for use in underpass construction and the like where the cut end region has at least one extended leg portion. The method comprises building progressively at least one layer of mechanically-stabilized earth adjacent the extended leg portion by alternately layering a plurality of compacted layers of fill with interposed layers of reinforcement. Each layer of reinforcement is secured to the extended leg portion during the progressive building. The securing of the layers of reinforcement to the extended leg portions provide support in controlling deformation of the cut end region during backfilling and regular service.

IPC 8 full level

E02D 29/045 (2006.01); **E01F 5/00** (2006.01)

CPC (source: EP KR)

E01F 5/005 (2013.01 - EP KR); **E02D 29/045** (2013.01 - KR); **E02D 29/05** (2013.01 - EP); **E02D 2200/1607** (2013.01 - KR); **E02D 2300/0032** (2013.01 - KR)

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DOCDB simple family (publication)

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