

Title (en)  
U-Shoring frame

Title (de)  
U-Spreizrahmen

Title (fr)  
Cadre d'étaisage en U

Publication  
**EP 2006453 A3 20130116 (DE)**

Application  
**EP 08158540 A 20080619**

Priority  
DE 102007029048 A 20070621

Abstract (en)  
[origin: EP2006453A2] The shoring bar (19) has a connection bar (21) fastened to ends of the shoring bar and extending transverse to the shoring bar. The connection bar is arranged at a lower end of a fastening element i.e. flange plate. Two ends of a fastening element are arranged for fastening to a complementary retaining element of carriages (13-16). The shoring bar and the connection bar are formed by metal profiles. The fastening element is provided with throughholes for connection screws.

IPC 8 full level  
**E02D 17/08** (2006.01)

CPC (source: EP)  
**E02D 17/08** (2013.01); **E02D 17/083** (2013.01); **E02D 17/086** (2013.01)

Citation (search report)

- [A] US 4752157 A 19880621 - ISCHEBECK ERNST-FRIEDRICH [DE], et al
- [A] DE 202004011513 U1 20041007 - EMUNDS & STAUDINGER GMBH & CO [DE]
- [A] EP 0619853 B1 19980506 - HESS WILHELM [DE]
- [A] EP 0612364 B1 19970423 - EMUNDS & STAUDINGER GMBH & CO [DE]

Cited by  
EP2369061A1; CN111022763A; US9297138B2; WO2010094607A1; WO2013113318A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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