

Title (en)
PRESTRESSED SCAFFOLDING SYSTEM

Title (de)
VORGESPANNTES GERÜSTSYSTEM

Title (fr)
SYSTEME D'ECHAFAUDAGE PRECONTRAIN

Publication
EP 1595031 A1 20051116 (EN)

Application
EP 04711058 A 20040213

Priority
• KR 2004000294 W 20040213
• KR 20030009442 A 20030214

Abstract (en)
[origin: WO2004072386A1] An innovative prestressed scaffolding system is provided to use triangular tendon supports and tendons in place of a plurality of struts for supporting the earth pressure applied during an excavation or an underground construction structure, thereby removing the obstacles of the construction, e.g., intermediate piles or struts, and contributing to an improvement of the constructional efficiency of the underground space and reduction of construction costs.

IPC 1-7
E02D 17/04

IPC 8 full level
E02D 17/04 (2006.01)

CPC (source: EP KR US)
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Cited by
CN113202280A; CN111456023A

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2004072386 A1 20040826; CN 100489198 C 20090520; CN 1751157 A 20060322; EP 1595031 A1 20051116; EP 1595031 A4 20060503; JP 2006517628 A 20060727; JP 4094043 B2 20080604; KR 100571102 B1 20060413; KR 20030019937 A 20030307; US 2006070803 A1 20060406

DOCDB simple family (application)
KR 2004000294 W 20040213; CN 200480004724 A 20040213; EP 04711058 A 20040213; JP 2006500647 A 20040213; KR 20030009442 A 20030214; US 54519405 A 20050811