

Title (en)
PRESTRESSED SCAFFOLDING SYSTEM

Title (de)
VORGESPANNTES GERÜSTSYSTEM

Title (fr)
SYSTEME D'ECHAFAUDAGE PRECONTRAINT

Publication
EP 1595031 A4 20060503 (EN)

Application
EP 04711058 A 20040213

Priority
• KR 2004000294 W 20040213
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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)

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Citation (search report)
• No further relevant documents disclosed
• See references of WO 2004072386A1

Cited by
CN111456023A; CN113202280A

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

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KR 2004000294 W 20040213; CN 200480004724 A 20040213; EP 04711058 A 20040213; JP 2006500647 A 20040213; KR 20030009442 A 20030214; US 54519405 A 20050811