

Title (en)

Apparatus for foundation of signalling posts

Title (de)

Vorrichtung zur Gründung von Signalmasten

Title (fr)

Dispositif pour fondation de mâts signalétiques

Publication

EP 1643056 A1 20060405 (DE)

Application

EP 05017468 A 20050811

Priority

DE 102004048165 A 20041002

Abstract (en)

A railway signal mast is erected in a foundation consisting of an adapter that has a sleeve (10) and a head plate (12). The sleeve is placed over a pipe or post that has been rammed into the soil. The head plate (12) has fixtures to which the mast is attached.

IPC 8 full level

E04H 12/22 (2006.01); **E01F 9/011** (2006.01)

CPC (source: EP)

E04H 12/2284 (2013.01)

Citation (applicant)

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- JP H0473381 A 19920309 - NIHON CHIKOU KK
- DE 3014287 A1 19811217 - TRILUX LENZE GMBH & CO KG [DE]
- DE 9005632 U1 19910919

Citation (search report)

- [Y] DE 3014287 A1 19811217 - TRILUX LENZE GMBH & CO KG [DE]
- [A] DE 10142399 A1 20030403 - KRINNER INNOVATION GMBH [DE]
- [A] GB 351572 A 19310702 - BRITISH POWER RAILWAY SIGNAL CO LTD, et al
- [DYA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09 4 September 2002 (2002-09-04)

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EP 05017468 A 20050811; AT 05017468 T 20050811; DE 102004048165 A 20041002; DE 502005008474 T 20050811; DK 05017468 T 20050811; PL 05017468 T 20050811