

Title (en)

Method for providing a foundation for a high-voltage electricity tower, network of high-voltage electricity towers provided with a foundation, and high-voltage electricity tower provided with a foundation

Title (de)

Verfahren zur Bildung eines Fundaments für einen Hochspannungs-Elektrizitätsturm, Netzwerk für Hochspannungs-Elektrizitätstürme mit einem Fundament und Hochspannungs-Elektrizitätsturm mit einem Fundament

Title (fr)

Procédé permettant de fournir une fondation pour une tour d'électricité haute tension, réseau de tours d'électricité haute tension munies d'une fondation et tour d'électricité haute tension munie d'une fondation

Publication

**EP 2799623 A3 20141119 (EN)**

Application

**EP 14166790 A 20140501**

Priority

NL 2010754 A 20130502

Abstract (en)

[origin: EP2799622A1] The invention relates to a high-voltage electricity tower provided with a foundation. It comprises: two tower piles configured to carry high-voltage lines; a ground foundation; a tower foundation placed underneath each respective tower pile in order to support said tower pile. Each tower pile rests on a tower foundation and each tower foundation is placed on the ground foundation in such a manner that, on the one hand, the ground foundation connects the tower foundations to one another and, on the other hand, forces exerted by said lines carried by the tower piles are transmitted to the ground via the tower piles, the tower foundations and the ground foundation. The ground foundation comprises a beam pattern which extends in the horizontal plane. The beam pattern comprises a main beam. Said main beam extends, on the one hand, at right angles to the longitudinal direction of the tower piles and, on the other hand, at right angles to the extending direction of the lines carried by the tower piles.

IPC 8 full level

**E02D 27/50** (2006.01)

CPC (source: EP)

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- [A] EP 1253252 A1 20021030 - KEMA NV [NL]
- [A] DE 10028755 A1 20011213 - TESSAG TECH SYSTEME & SERVICES [DE]

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