

Title (en)

TRANSMISSION LINE DIRECTIONAL AWARENESS

Title (de)

RICHTUNGSBEWUSSTSEIN EINER ÜBERTRAGUNGSLEITUNG

Title (fr)

SENSIBILITE DIRECTIONNELLE DE LIGNE DE TRANSMISSION

Publication

EP 2446280 A1 20120502 (EN)

Application

EP 10792592 A 20100623

Priority

- US 2010039615 W 20100623
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Abstract (en)

[origin: WO2010151570A1] An apparatus and method for coupling a charging station to a power line segment that is terminated at a first end by a charging terminal are disclosed. The apparatus includes multiple taps coupled to the power line segment and circuitry coupled to the charging station and coupled to the multiple taps. The circuitry is configured to differentiate between communication signals propagating on the power line segment in the direction from the first end to a second end of the power line segment and communication signals propagating on the power line segment in the direction from the second end to the first end based at least in part on multiple measurements of respective phase shifts associated with different portions of a communication signal, each portion received over at least a first tap and a second tap.

IPC 8 full level

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Citation (search report)

See references of WO 2010151570A1

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