

Title (en)

SYSTEM AND METHOD FOR ALIGNING DATA BETWEEN LOCAL AND REMOTE SOURCES THEREOF

Title (de)

SYSTEM UND VERFAHREN ZUM SYNCHRONISIEREN VON DATEN ZWISCHEN LOKALEN UND FERNEN QUELLEN SOLCHER

Title (fr)

SYSTEME ET PROCEDE D'ALIGNEMENT DE DONNEES ENTRE DES SOURCES LOCALES ET ELOIGNEES DE DONNEES

Publication

**EP 1374470 A4 20060329 (EN)**

Application

**EP 02709843 A 20020314**

Priority

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- US 82751301 A 20010405
- US 89549301 A 20010629

Abstract (en)

[origin: WO02082713A1] Local source data is first sampled (20) at an original sampling rate and the resampled (30) at first sampling rate which is equal to the framing rate for transmitting said data to the remote source. The resampled local source data is then delayed (40) by the transmission time (36) between the local and remote data sources. The data from the remote relay which is resampled (48) at the remote source at the first resampling rate (48) and the delayed resampled data (42) at the local source are both then resampled (46) at a second resampling rate, at an original sampling rate, to produce aligned data at the local source.

IPC 1-7

**H04L 7/00**; **H02H 1/00**

IPC 8 full level

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Citation (search report)

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- [A] WO 0050908 A1 20000831 - SCHWEITZER ENGINEERING LAB INC [US]
- [A] WO 0057527 A1 20000928 - GEN ELECTRIC [US]
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- [A] GAO HOULEI ET AL: "Development of GPS synchronized digital current differential protection", POWER SYSTEM TECHNOLOGY, 1998. PROCEEDINGS. POWERCON '98. 1998 INTERNATIONAL CONFERENCE ON BEIJING, CHINA 18-21 AUG. 1998, NEW YORK, NY, USA, IEEE, US, vol. 2, 18 August 1998 (1998-08-18), pages 1177 - 1182, XP010312803, ISBN: 0-7803-4754-4
- See references of WO 02082713A1

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