

Title (en)
INTERTRIPPING SYSTEM.

Title (de)
INTERABHAENGIGER SCHALTER.

Title (fr)
POSTE A DECLENCHEMENT INTERDEPENDANT.

Publication
EP 0243412 A4 19900221 (EN)

Application
EP 86906242 A 19861030

Priority
AU PH318885 A 19851031

Abstract (en)
[origin: WO8702836A1] An intertripping station (10) of an intertripping system for use in the protection of power system networks and other applications where isolated intertripping is required. The station has output means (10A) for outputting either a supervision signal or an intertrip signal on the pilot circuit bus. The intertrip signal is of a higher level than the supervision signal and isolation means (TR) is provided between the output means and the bus. The station includes a supervision sensor (K1) for determining the presence of the supervision signal and for providing an alarm (K5) in the absence of that signal. An intertrip signal sender (K4) is also provided for enabling an intertrip signal to be provided by the output means and the station further includes a trip sensor (K2) for detecting the presence of an intertrip signal on the bus and for providing a trip control function at the station.

IPC 1-7
H01F 19/08; **H02H 3/30**; **H02H 7/26**

IPC 8 full level
H02H 3/30 (2006.01); **H02H 7/26** (2006.01); **H02J 13/00** (2006.01)

CPC (source: EP KR)
H02H 3/30 (2013.01 - KR); **H02H 7/262** (2013.01 - EP); **H01F 2019/085** (2013.01 - EP)

Citation (search report)

- Brown Boveri Mitteilungen, Vol. 58, No. 7, July 1971, pages 293-304, Baden, CH; H. UNGRAD: "Distanzrelais mit Signaluebertragung als Grund- und Reserveschutz von Leitungen", page 295, left-hand column, paragraph 2 - page 296, left-hand column, paragraph 1; figures 2,3.
- See references of WO 8702836A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

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