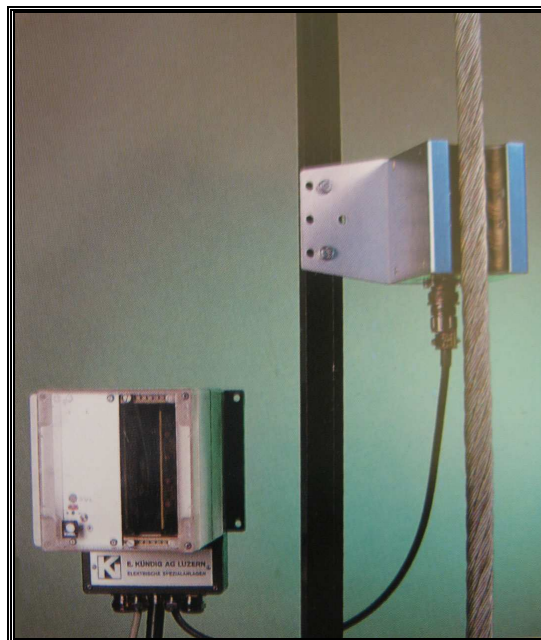




SPLICE- & FIXED POINT EVALUATOR (SPFP-G)

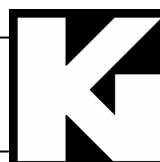


GENERAL

The splice- and fixed point analysis system can be used to detect rope-splices or as a fixed point evaluator for ropeways.

The system is based on magnet-induction technology. Only steel inserts in the rope are needed.

By the use of this technology, the system works entirely without the use of any radioactiv isotops.

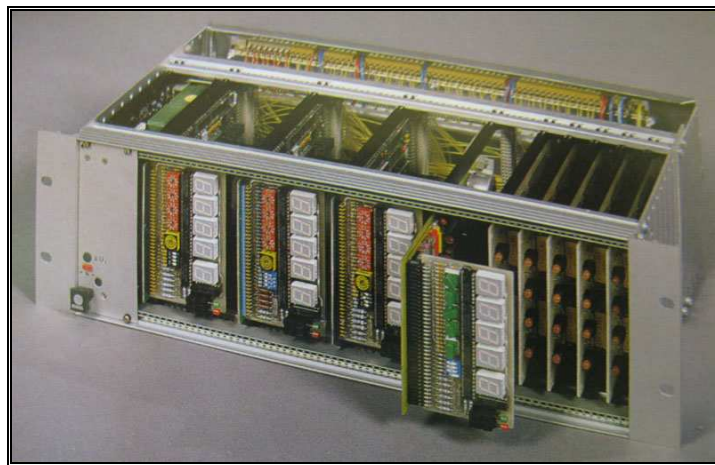


25 YEARS OF EXPERIENCE COMBINED WITH MICROPROCESSOR FLEXIBILITY

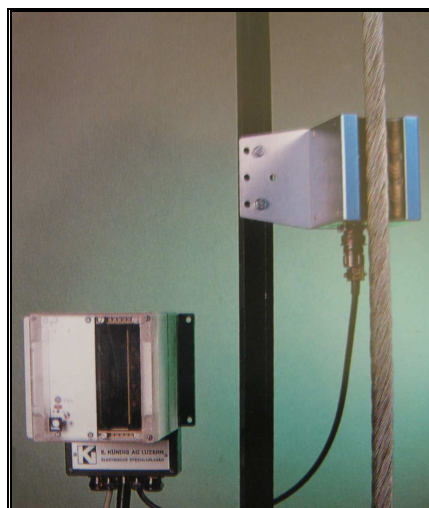
The splice- and fixed point evaluator (SPFP) is based on our experience in rope testing and the specially designed microprocessor-controlled system.

The captured detector-signal from the cross section change of a running rope will be analysed in the system and further processed to an output signal, which can be used by other control or monitoring systems.

The equipment has been designed so that it can be integrated into any existing control systems for ropeways or other similar systems.



Splice equipment integrated into a 19" rack.



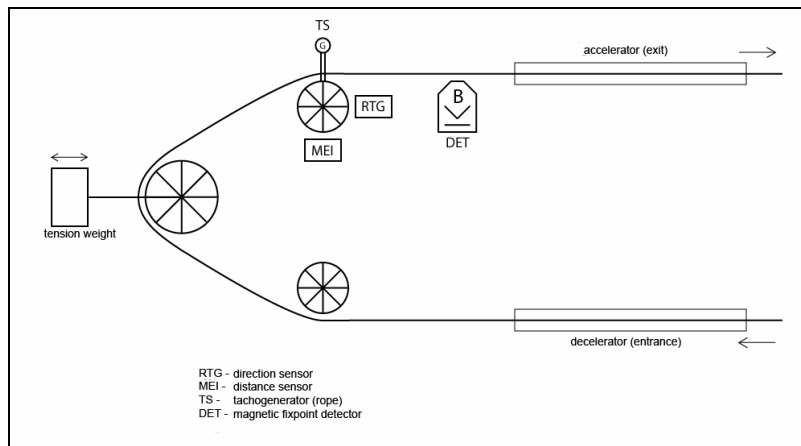
Complete splice / fixed point equipment
in a separate housing,
with magnet inductive detector

SPLICE DETECTION BY GONDOLA- OR CHAIR LIFTS

By gondola- or chair lifts with detachable vehicles, it should be prevented, that a gondola or chair can be fixed on a rope splice.

Therefore, the Kündig AG developed the SPFP-system, which detects a rope splice and reliably prevents fixing a gondola / chair to a rope splice.

A possible arrangement of an gondola lift may look as following:



FIXED POINT DETECTION OF AN AERIAL TRAMWAY

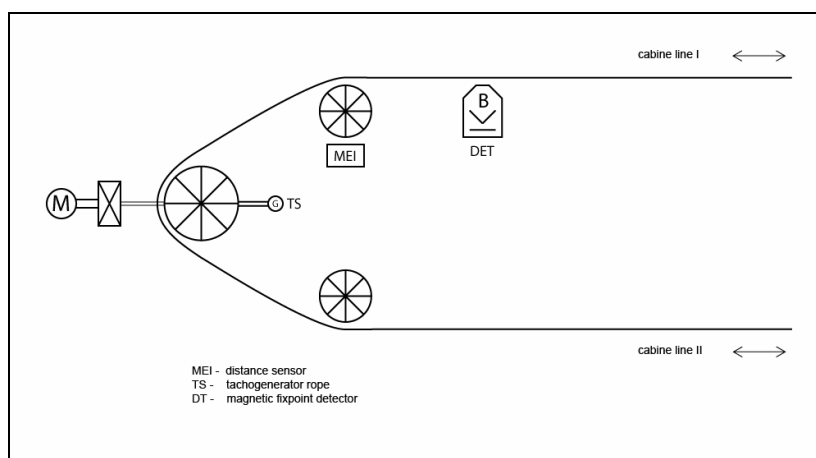
The reduction of the entrance speed of an aerial tramway is usually made with electronic or mechanical components which show the exact car position on the track.

But in order to get an extra comparison with the actual position, a fix point is set.

Therefore, the Kündig AG developed the SPFP-system, which detects this fix point.

The output signal of the SPFP-system is used in any control system to compare it with the components for speed surveillance.

A possible arrangement of an aerial tramway may look as following:



ADDITIONAL INFORMATION

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Kriens, 19. 03. 2013.

