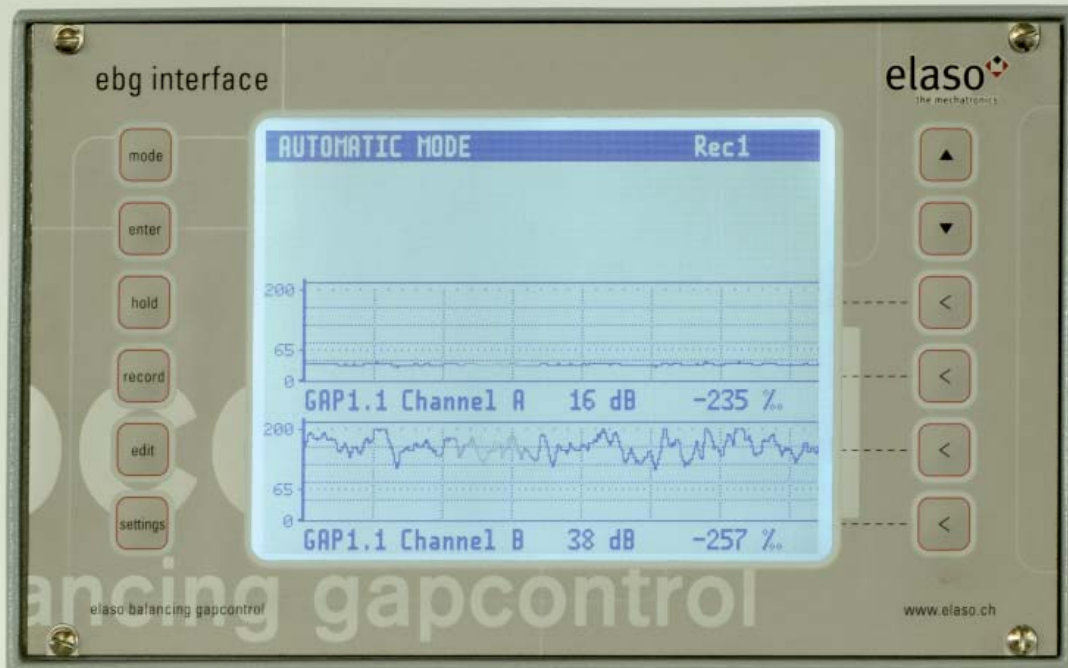


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S W I T Z E R L A N D

GAP-Control System

Practice-oriented



Structure-borne sound device for visualizing the grinding-wheel shape quality on GAP display

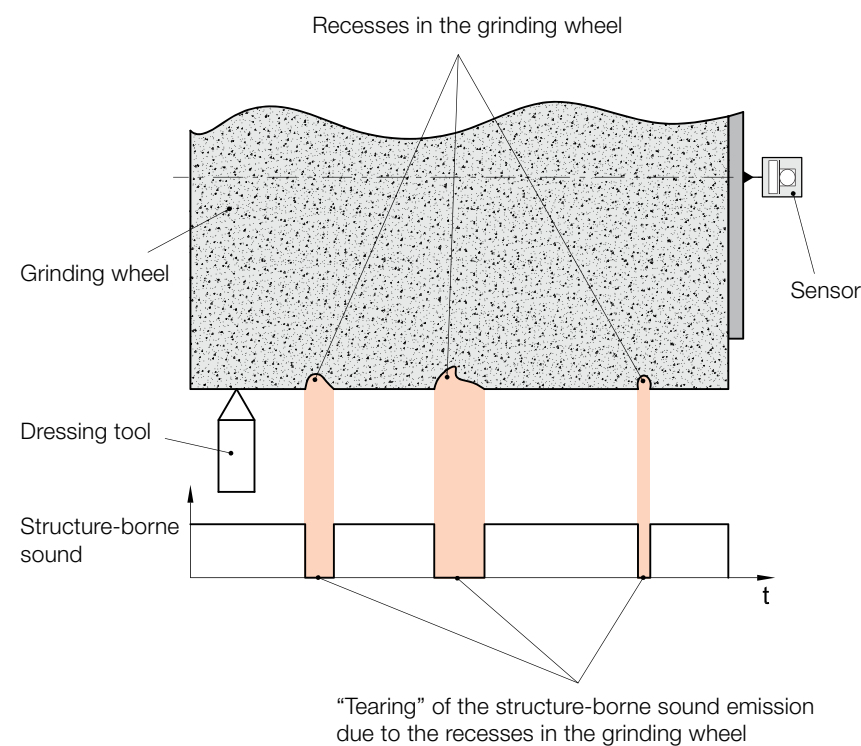
GAP-Control System

The graphical representation of the grinding wheel vibration facilitates the assessment of the grinding-wheel shape quality.

GAP-Control when dressing

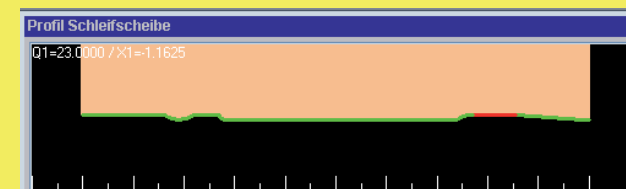
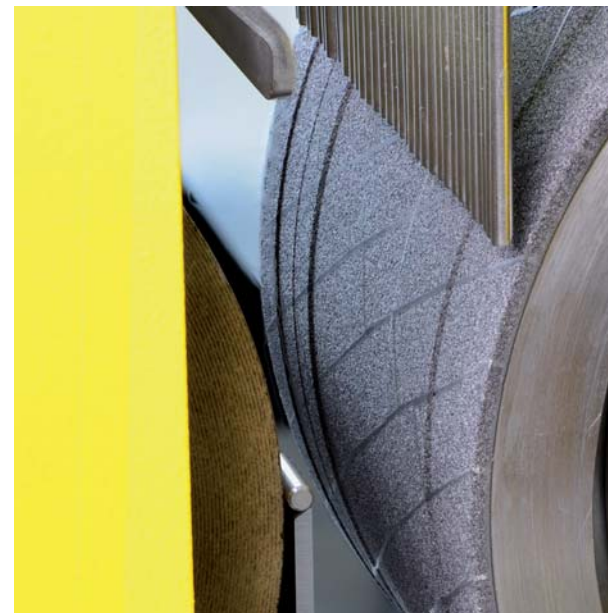
When dressing the grinding wheel a structure-borne sound signal is generated which can detect one or more interruptions of the structure-borne sound emission during the dressing process.

The interruptions indicate irregular wear or recesses in the grinding wheel.



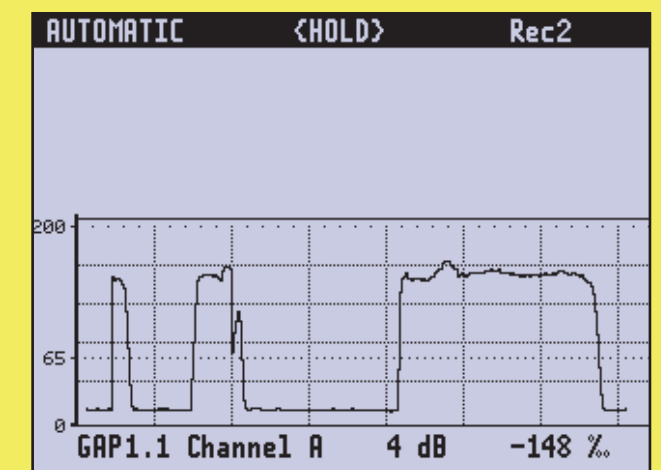
Advantages

- Economical dressing of grinding wheels
- Easier and more reliable setting up through visualized scratching
- Lower tooling costs of diamond and CBN grinding wheels
- Time saving by reducing the dressing cycles
- Detection of unilateral and other wear on the grinding wheel
- Supports the process analysis and optimizes the grinding and dressing processes of the grinding wheel



Grinding wheel shape on the machine display

- Monitoring of the profile during the dressing process and simultaneous comparison of the structure-borne sound
- 8 sets of parameters for different settings / applications / reinforcements
- Graphical display of the structure-borne sound emission
- Compact design / Easy operation



Graphical display of the structure-borne sound emission

GAP 7600.2 / Date: 22.10.2013 / Subject to technical modifications



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AGATHON
S W I T Z E R L A N D



AGATHON LTD

P.O. Box 332
CH-4512 Bellach
Tel +41 (0)32 617 4500
Fax +41 (0)32 617 4700
insert@agathon.ch
www.agathon.ch

