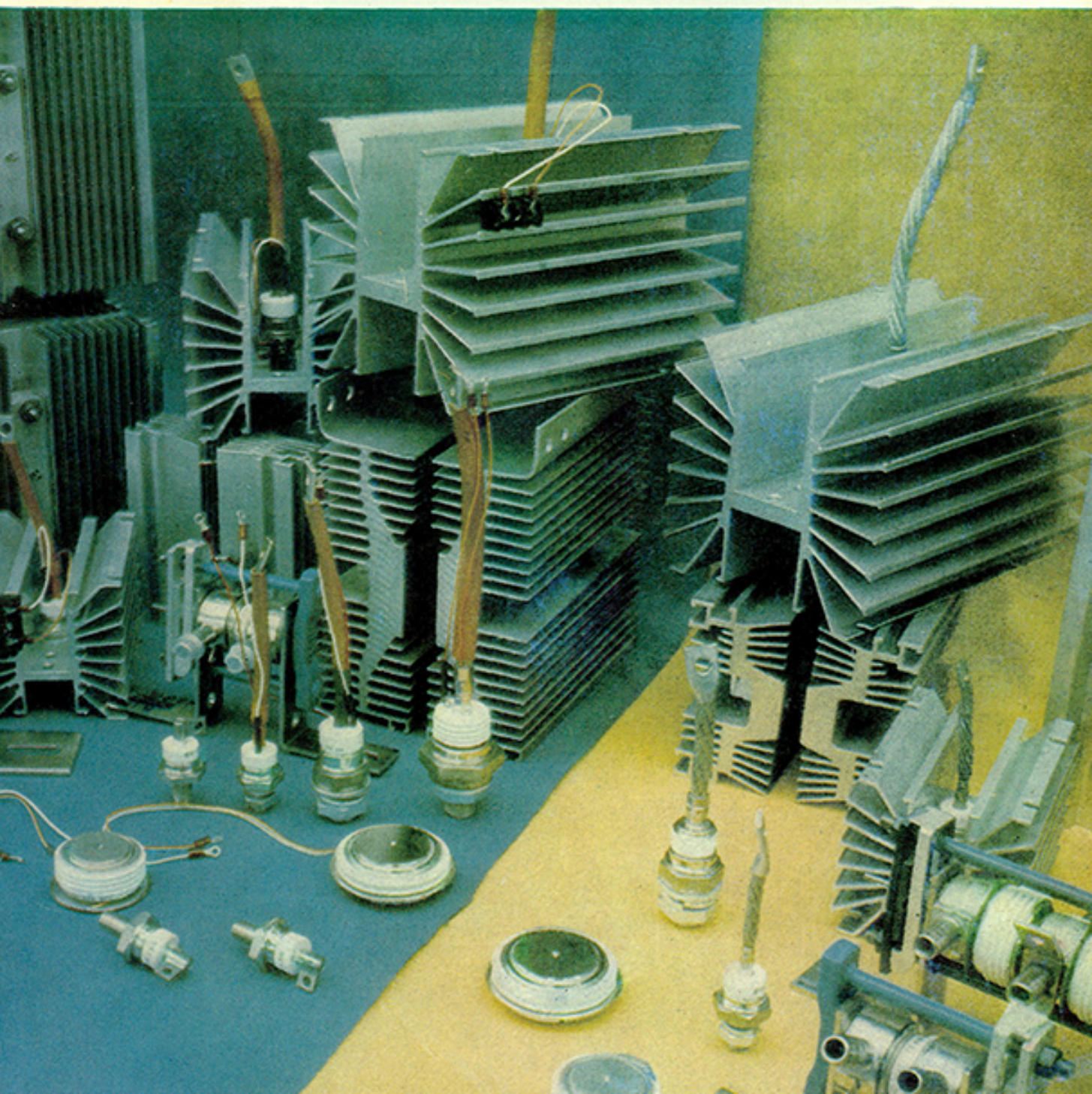




POLISH TECHNICAL REVIEW



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- Cold mill
- Biological waste treatment

Fire-immersion coating of lead + aluminium

The Institute of Materials Engineering of the Silesian Technological University developed a method of fire-immersion coating of lead+aluminium. Knowledge of the mechanism of formation and of the diffusion structures of aluminium coating served as a basis for a hypothesis of lead+aluminium coating formation. This hypothesis has been checked on the example of subeutectic white cast iron. The positive results of the tests open promising prospects to the method (p. 5).

Electrotechnics - electronics

This section comprises three items. The article on p. 12 on the automatic production of thermally compensated quartz generators discusses genuine Polish technological achievements guaranteeing economic production and control of products of a very high workmanship accuracy. The article on high-power diodes and thyristors (p. 14) points to the rapid and adequate mastering of the production of modern-semi-conductor devices, manufactured to a foreign licence. The section also brings an article on a hybrid analyser.

Supertrawler B400

The largest trawler in the world has been designed in one of the Gdańsk shipyards which has also started its construction. This is a universal super-trawler designed for the fishing of many fish species using bottom or pelagic trawls in all climatic zones (including ice-covered waters). The high power of the engines, high-yield processing equipment, large holds, the high level of mechanization, electrification and automation of the whole fishing and fish-processing cycle, excellent conditions of work and relaxation for the crew list this ship among the most modern in the world.

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