

SCIENCE NEWS

16 November, 1968 **25c**
vol. 94 no. 20, p. 485-508

A Job for Serpukhov

Pollution Control:
costs vs benefits

Letter from Japan:
accelerator in trouble



This is Stir-Lec I.

And if you saw it on a highway, you'd probably think it was a standard Opel Kadett.

You'd be half right. It's got an Opel body. But it's powered by electricity. The power plant consists of 14 conventional lead-acid batteries that you could buy down at the corner. The energy

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While the car's running, the batteries are constantly recharged by a small Stirling engine in the rear. It's so quiet that you can hardly tell whether it's on or off. And since the Stirling is an external combustion engine (fuel is burned in a separate chamber from the engine), the exhaust has virtually

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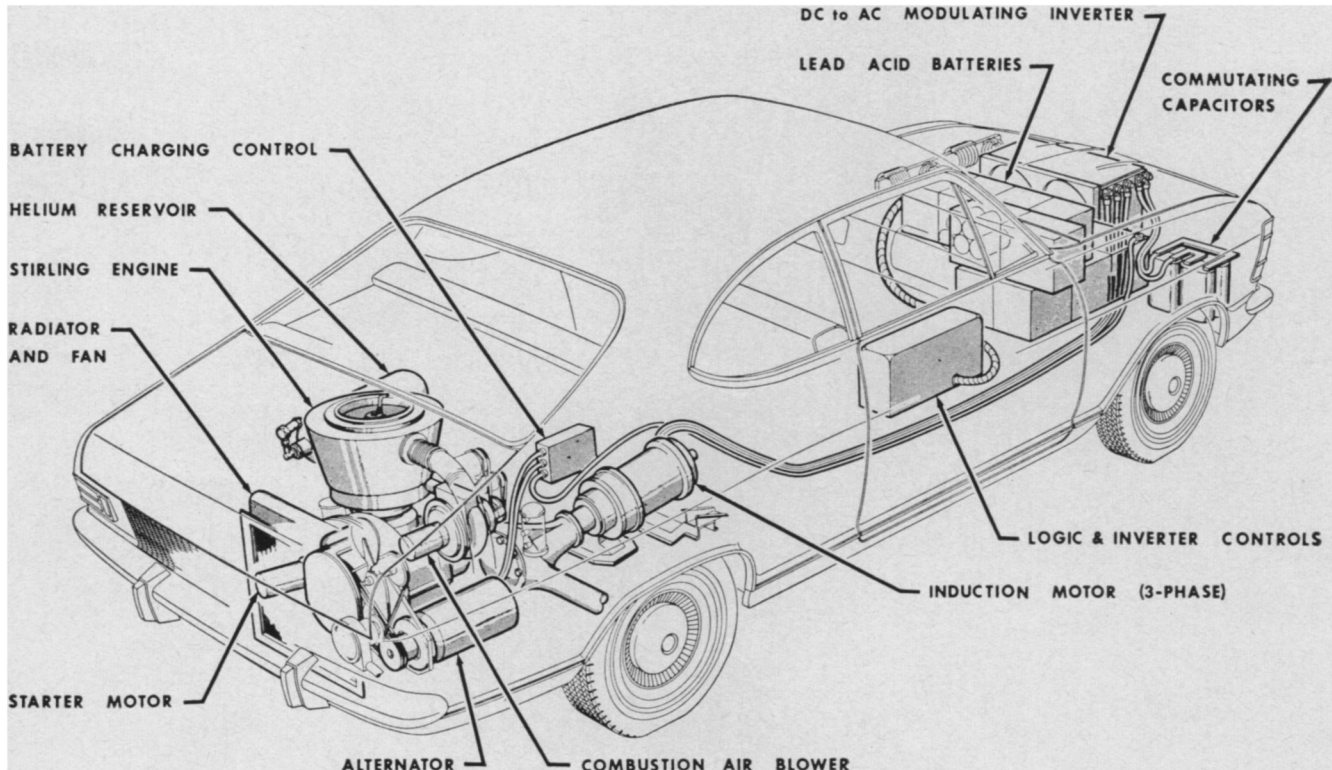
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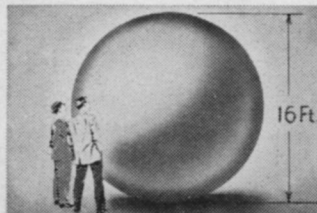


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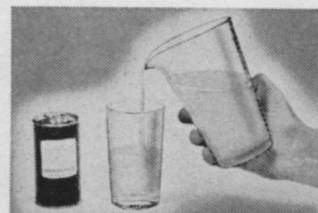
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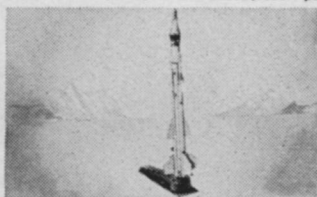
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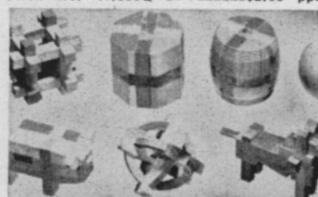
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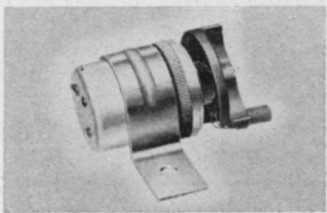
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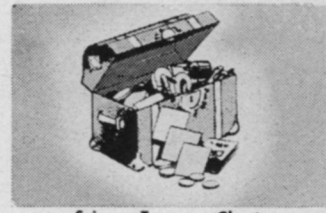
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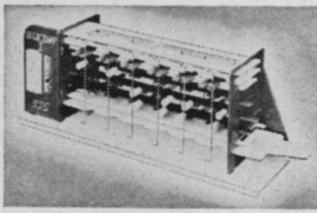
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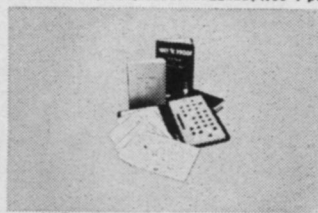
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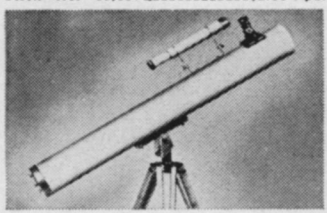


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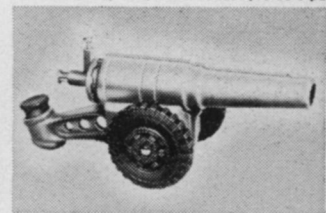
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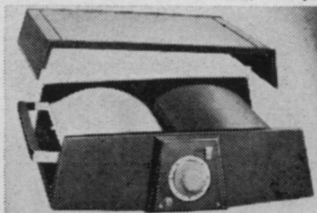
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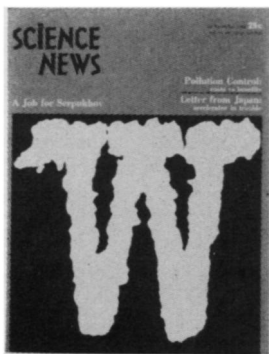


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Physicists would like to find the so-called W particle—the intermediate vector boson—to fill out their theories of weak nuclear forces. Long search has been unsuccessful, but Russia's big new accelerator at Serpukhov might turn the trick. p. 500.

A Science Service Publication
Vol. 94/November 16, 1968/No. 20
Science News Letter®

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FROM ABROAD

- 506 **Letter from Tokyo:** Hassle delays accelerator

IN SCIENCE FIELDS

- 500 **Particle Physics:** Looking for the W
- 503 **Air Pollution Control:** Cost versus benefits

-
- 488 Letters to the Editor
 - 490 Films of the Week
 - 507 Books of the Week

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