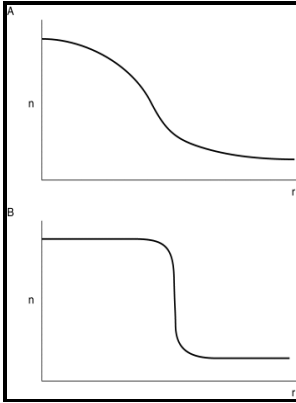# Alternating current tokamak reactor with Ohmic ignition and bootstrap current

## University of Saskatchewan, Plasma Physics Laboratory - 32.5 Fusion



Description: -

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Tokamak devicesAlternating current tokamak reactor with Ohmic ignition and bootstrap current

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Notes: Bibliography: p. 17-20.

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### The ITER challenge

Low frequency fluctuations in scrape off layer of tokamak plasma with limiter biasing Volume 77 Issue 6 N. A second set of results was published in 1968, this time claiming performance far in advance of any other machine, and was likewise considered unreliable.

### Plasma Physics

Preferably, the moveable compression member comprises means e. Concurrent with improved confinement, significant reduction of the fluctuations of plasma density and of magnetic fluctuations at the plasma edge have been observed.

### CA2429533C

Preferably, the annular parallel electrodes are coated with a material having sufficient refractory properties to protect said electrodes from damage by heat loading.

### ⓘ Tokamak. A tokamak is a device which uses a powerful magneti

Efforts are being made to revitalize fusion research in Canada which is the only G8 country not participating in the ITER program.

### ویکی‌پدیا:ویکی‌پروژه فرهنگستان/فیزیک

Connor, Societa Italiana di Fisica, Editrice Compositori Bologna, 199-211 2000. The realization of a nuclear fusion tokamak power plant is ITER, which will be The plasma shape requirements in a practical, highly efficient tokamak are very. The analysis above indicates that the heating must be due to solenoidal electric fields induced by rapid changes in the magnetic fields associated with the discharge current.

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