**Ứng dụng công nghệ tuabin**

(Cập nhật đến ngày 12/5/2023)

Tua bin (Tua bin, Tuốc bin hoặc turbine) là thiết bị cơ khí quay để trích xuất năng lượng từ một dòng chất lỏng (hoặc chất khí) và biến nó thành công hữu ích. Các động cơ tuabin đơn giản nhất có một bộ phận chuyển động, bộ phận rô to thường là trục hoặc trống với các cánh gắn trên đó. Luồng chất khí hoặc lỏng chuyển động tác động lên các cánh, hoặc các cánh tác động trở lại luồng khí hoặc chất lỏng để chúng di chuyển và truyền năng lượng quay cho rô to. Các mẫu tuabin sớm nhất là các cối xay gió và các bánh xe nước.

Các tuabin khi, hơi và nước thường có vỏ bọc xung quanh các cánh tuabin để chứa và điều khiển chất lưu chuyển động.

Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.



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