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KARIYER EKSKAVATORI ELEKTR YURITGICHI TIZIMLARINI MODERNIZATSIYA QILISHNING SAMARADORLILIGI

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ANNOTATSIYA

Ushbu maqolada kon sanoatida keng qo'llaniladigan ekskavatorning elektr yuritgich tizimlarini boshqarishning bir necha tizimlari o'zaro solishtirilgan va ularning energiya samaradorlik ko'rsatgichlari keltirilgan. Shuningdek energiya samaradorligiga erishish uchun zamonaviy tizimlardan foydalanishning yetarli asoslari keltirilgan

Kalit so'zlar: kariyer ekskavatori, tiristorli o'zgartgichli past kuchlanishli boshqaruv tizimi, generator-dvigatel tizimi, energiyasamaradorlik koeffitsenti.

EFFICEINCY OF MODERNIZATION OF KARIYER EXCAVATOR`S ELECTRIC DRIVE SYSTEM

ABSTRACT

The most commonly used control system of managing excavators driving system are compared in this article and their efficiency rates are presented. Also, usage of modern systems to achieve high performance are proven with details.

Keywords: kariyer excavator, low-voltage control system with thyristor converter, generator-engine system, coefficient of energy efficiency.