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Смотреть больше 

Increasing of the Elevator Noria Efficiency

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Ключевые слова автора

Включенные в указатель ключевые слова

Краткое описание

The main task in designing and modernization of a modern grain processing and storage enterprise is a thorough study of possibilities and deep automation at the modern level. Automation of technological processes on the basis of modern technology should ensure intensification of production, increase in quality and decrease in cost of production. This need follows from the production activity of the elevator analysis. Despite the fact that the introduction of modern equipment, tools, means of mechanization and automation of individual operations, improvement of work organization as a whole ensured the fulfillment of these tasks, there are still significant reserves for increasing labor productivity and improving its technical and economic indicators. These reserves consist, first of all, in the optimization and automation of operational management of processes and in the improvement of work organization. The article is devoted to increasing the loading noria efficiency due to the use of ladles without a bottom as well as a simple asynchronous motor controlling system - controlling by changing voltage on the stator. © 2022 IEEE.

Ключевые слова автора

asynchronous electric drive; bottomless ladles; control system; elevator wheel; mathematical model; stator voltage regulation; transient characteristics

Включенные в указатель ключевые слова 

Engineering controlled terms

Automation; Electric drives; Electric machine control; Elevators; Process control; Production efficiency; Stators

Engineering uncontrolled terms

Asynchronous electric drive; Bottomless ladle; Elevator wheel; Grain storage; Grains processing; Main tasks; Stator voltage regulation; Stator voltages; Transient characteristic; Work organization

Engineering main heading

Induction motors

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-
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(2020) *Engineering nature management*, (4), pp. 35-41.
-
- 3 Bebic, M.Z., Ristic, L.B.
Speed controlled belt conveyors: Drives and mechanical considerations (Открытый доступ)

(2018) *Advances in Electrical and Computer Engineering*, 18 (1), pp. 51-60. Цитировано 25 раз.
<http://www.aece.ro/displaypdf.php?year=2018&number=1&article=7>
doi: 10.4316/AECE.2018.01007

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-
- 4 Gadysiewicz, L., Król, R.
Experimental Verification of Load Models for Upper Idlers in Belt Conveyor
(2020) *Measurement*, 4 (168), pp. 108-118.
-
- 5 Mhlongo, I.N., Nnachi, G.U., Nnachi, A.F., Adesola, A.T.
Modelling and Simulation of Conveyor Belt for Energy Efficiency Studies

(2020) *2020 IEEE PES/IAS PowerAfrica, PowerAfrica 2020*, art. no. 9219974. Цитировано 2 раз.
<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=9211329>
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doi: 10.1109/PowerAfrica49420.2020.9219974

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-
- 6 Birou, I., Maier, V., Pavel, S., Rusu, C.
Indirect vector control of an induction motor with fuzzy-logic based speed controller (Открытый доступ)

(2010) *Advances in Electrical and Computer Engineering*, 10 (1), pp. 116-120. Цитировано 22 раз.
<http://www.aece.ro/displaypdf.php?year=2010&number=1&article=21>
doi: 10.4316/aece.2010.01021

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-
- 7 Fomenko, A., Shareiko, D.
(2016) *Complete electric drives. Analog complete electric drives. Part 1*
Mykolaiv: NUK
-
- 8 Terekhov, V., Osipov, O.
(2005) *Control system of electric drives*. Цитировано 27 раз.
Publishing center Akademiya
-
- 9 Fomenko, A., Shareiko, D.
(2017) *Complete electric drives. Digital complete electric drives. Part 2*
Mykolaiv: NUK
-

-
- 10 Bilyuk, I.S., Shareiko, D.Y., Fomenko, A.M., Savchenko, O.V.
(2018) *lectric drives. Servo-electric drives. Part 3*
Mykolaiv: NUK: NUK
-
- 11 Kozachenko, D., Bobrovsky, V., Ochkasov, O., Shepotenko, A., Hermaniuk, Y.
Adaptation of Ukrainian grain elevators for unit train loading
(2018) *12th International Conference on Intelligent Technologies in Logistics and Mechatronics Systems, ITELMS 2018*, pp. 125-133.
ISBN: 978-888772951-1
-
- 12 Belov, M.P., Novikov, V.A., Rassudov, N.L.
(2017) *Automated electric drive of typical production mechanisms and technological complexes, textbook for students of higher educational institutions*
Publishing Center Akademiya
-
- 13 Fidrovskaya, N., Lukyanov, I.
Influence of kinematic modes of operation belt elevator on the efficiency of centrifugal unloading
(2015) *MOTROL commission of motorization and energetic in agriculture*, 17 (7), pp. 121-126.
-
- 14 Meshcheryakov, V.N., Sibirtsev, D.S.
Control system for a frequency synchronized asynchronous electric drive
(2021) *Power Engineering Research Equipment Technology*, 23 (3), pp. 116-126.
-
- 15 Shapovalenko, O., Yevtushenko, O., Yaniuk, T.
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