

SUMMARY

Diploma contains: 71 pages, 26 illustrations, 18 tables, 17 sources.

Object of study - electromechanical system dosage of solids. As a metering device was selected tape dispenser continuous action. In the considered system uses asynchronous motor, governed by the law $u / f = \text{const}$. To maintain a given speed at the same level regardless of the date of stress developed pid controller based on a mathematical model of linear induction drive. Designed regulator was used in modeling nonlinear system drive. Maintaining a given velocity dispenser provide maximum performance and high precision dosing. For dosing system was chosen necessary electrical power and electrical scheme of pryntsyrovu.takyy dispenser can be used on plants where you just loose matkriалу vidmiryuvaty portions according to recipe. As the substance is dosed been selected flour.

DISPENSERS, ELECTRIC, CONTROL SYSTEMS, ASYNCHRONOUS
MOTORS, REGULATORS, FREQUENCY CONVERTERS,
ELECTROMECHANICAL SYSTEMS

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<i>Зм.</i>	<i>Арк.</i>	<i>№ доквм.</i>	<i>Підпис</i>	<i>Дат</i>	<i>Electromechanical control system supplu of bulk material dispenser SUMMARY</i>	<i>Літ.</i>	<i>Арквш</i>	<i>Арквшів</i>
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