

SUMMARY

The diploma project is made on 70 pages and contains 26 drawings, 8 tables and 3 posters A1.

In this diploma project the analytical review of existing units for production of grain composites is carried out. The choice of the AC motor as the most efficient and universal and power electrical equipment was made, the automation of the technological process of the crushing plant operation was performed. The control scheme of electric drives of the crushing unit allows to carry out all operations in the automatic mode is designed. Graphs of transients are obtained by methods of mathematical modeling.

ELECTRIC, DRIVE, VECTOR CONTROL, GRAIN, GRINDER,
DEVELOPMENT, AUTOMATIZATION, MATHEMATIC MODEL, RESULTS

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	Letter	№ of doc.	Sign	Date	Automation of the line for the production of grain composites <i>Summary</i>							
Devel.	Nayuk A. M.									L.	Page	Pages
Checked	Teriaev V. I.										8	70
N. Contr.										<i>NTUU «Igor Sikorsky Kyiv Polytechnic Institute», FEA</i>		
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