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Cracking of mazut over an aluminosilicate catalyst was shown to be possible at temperatures lower than used in commercial practice. Distillates were obtained by cracking mazut amounting to up to 80 per cent on the charge, from which gasoline with 150° end point was distilled off, amounting to 15 per cent, and gasoline with 200° end point - to 26 per cent. The octane number of the 150° end point gasoline, when treated with 3 ml. TEL per kg., was 89.1. The aluminosilicate catalyst used resembles aluminum chloride in its action, but exceeds the latter in its life span and simplicity of regeneration. (Author)

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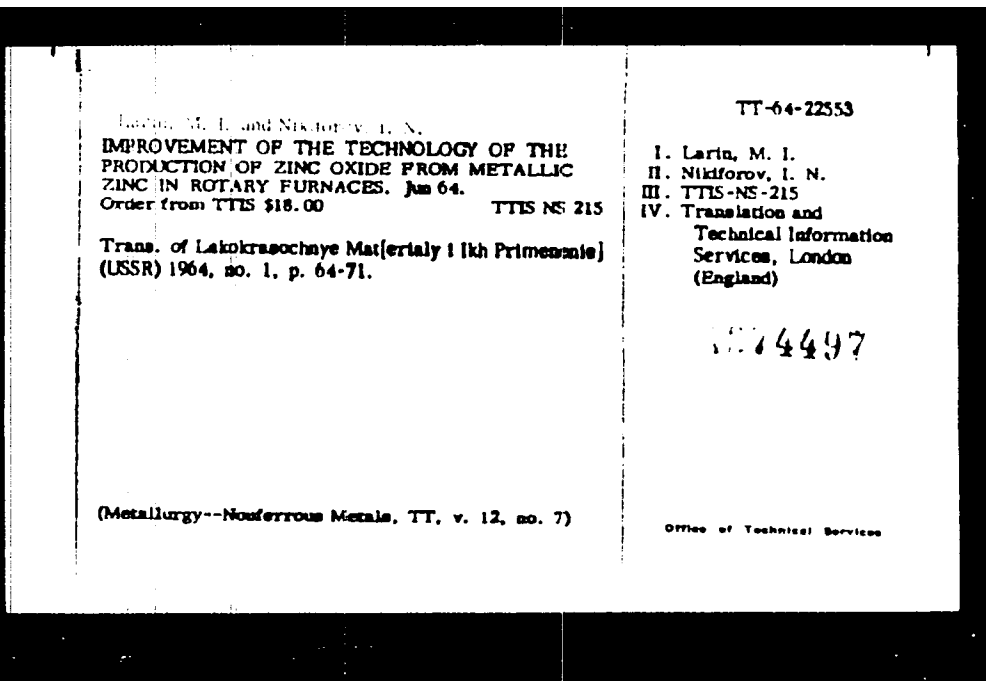
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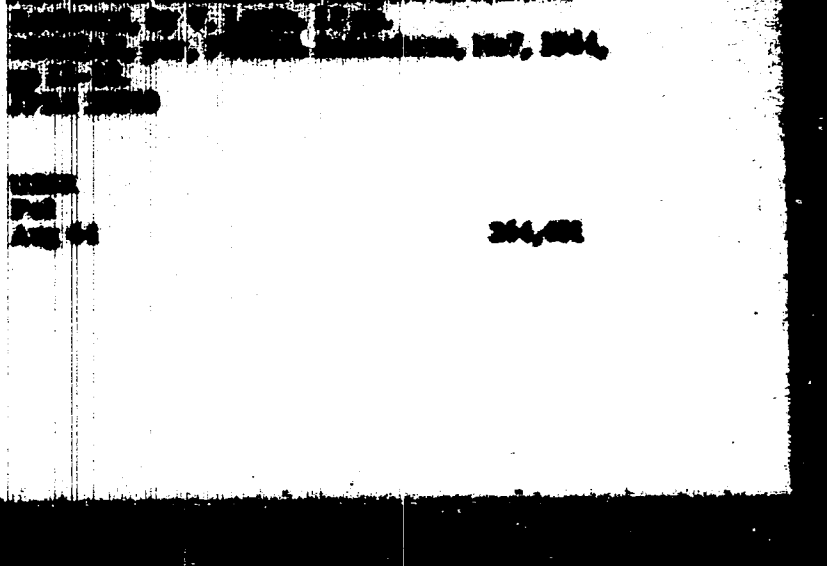
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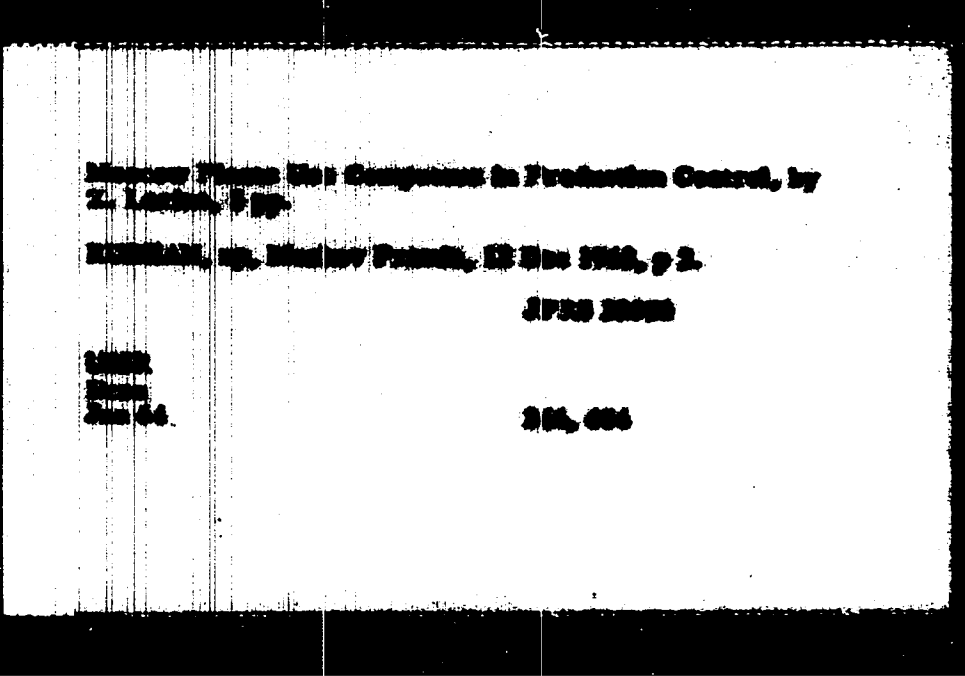
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