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Novel production route of fully processed high-Si NGO steels for e-mobility at Marcegaglia Ravenna plant

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At Marcegaglia Ravenna plant has been implemented a novel production route, patent pending, of fully processed Fe-Si grades focused on industrial and e-mobility applications. In this study are reported the main metallurgical levers of the adopted production cycle and their effectiveness on the magnetic properties in terms of low loss, high permeability and absence of aging.

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