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Title: Influence of Electromagnetic Stirrer Position on Fluid Flow and Solidification in Continuous Casting Mold

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Highlights

- Numerical investigation of solidification behavior with EMS position is proposed.
- Breaking of solidified layer was observed by shifting the EMS position downward.
- With EMS application, liquid fraction values were decreased in mold core region.
- Tangential velocity values were found to be maximum near solidified shell.

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