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19. I. Andersen, Ø Grong and N. Ryum, Analytical Modelling of Grain Growth in Metals and Alloys in the Presence of Growing and Dissolving Precipitates—II. Abnormal Grain Growth, *Acta Metallurgica Materialia*, 1995, vol. 43, 2689-2700.
20. J. Reiter, C. Bernhard and H. Presslinger, Austenite Grain Size in the Continuous Casting Process: Metallographic Methods and Evaluation, *Materials Characterization*, 2008, vol. 59, 737-746.
21. J. Reiter, C. Bernhard and H. Presslinger, Determination and Prediction of Austenite Grain Size in Relation to Product Quality of the continuous Casting Process, *Materials Science & Technology (MS&T), Conference and Exhibition, Cincinnati, USA, 2006*, 805-816.
22. Y. Meng and B. G. Thomas, Heat Transfer and Solidification Model of Continuous Slab Casting: CON1D, *Metallurgical and Materials Transactions B*, 2003, vol. 34B, 685-705.
23. Y. M. Won and B. G. Thomas, Simple Model of Microsegregation during Solidification of Steels, *Metallurgical and Materials Transactions A*, 2001, vol. 32A, 1755-1767.
24. K. Zheng, B. Petrus, B. G. Thomas and J. Bentsman, Design and Implementation of a Real-time Spray Cooling Control System for Continuous Casting of Thin Steel Slabs, AISTech 2007, Steelmaking Conference Proc., (May, Indianapolis, IN), AIST, Warrendale, PA, vol. 1.
25. K. Xu, Modeling of Precipitate Formation in Continuous Steel Casting, *Continuous Casting Consortium Annual Report*, UIUC, 2007.
26. K. Xu, Modeling Heat Transfer, Precipitate Formation and Grain Growth during Secondary Spray Cooling, *Continuous Casting Consortium Annual Report*, UIUC, 2008.
27. P. G. Saffman and J. S. Turner, On the Collision of Drops in Turbulent Clouds, *Journal of Fluid Mechanics*, 1, 1956, 16-30.
28. L. Kampmann, M. Kahlweit, On the Theory of Precipitation II, *Berichte der Bunsen-Gesellschaft Physikalische Chemie*, 74(5), 1970, 456-462.
29. J. A. Garrison, Aluminum nitride precipitation behavior in thin slab material, AIST 2005 proceeding, volume II, June 2002.
30. Y. Kand, H. Yu, J. Fu, K. Wang, Z. Wang, Morphology and Precipitation Kinetics of AlN in Hot Strip of Low Carbon Steel Produced by Compact Strip Production, *Materials Science and Engineering A*, 2003, vol. 351, 265-271.
31. M. E. Bealy and B. G. Thomas, Prediction of Dendrite Arm Spacing for Low Alloy Steel Casting Processes, *Metallurgical and Materials Transactions B*, 1996, vol. 27B, 689-693.