

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

POSCO CO. LTD.,
Petitioner,

v.

ARCELORMITTAL,
Patent Owner

Case IPR2025-00370
U.S. Patent No. 10,961,602

**JOINT SUBMISSION OF ITC FINAL INITIAL DETERMINATION AND
COMMISSION DETERMINATION**

TABLE OF EXHIBITS

Exhibit Number	Description
2001	Order No. 7: Procedural Schedule from ITC Investigation
2002	RPI's Takagi Invalidity Chart from ITC Investigation
2003	RPI's Cornette Invalidity Chart from ITC Investigation
2004	RPI's Laurent Invalidity Chart from ITC Investigation
2005	RPI's Nishibata Invalidity Chart from ITC Investigation
2006	RPI's Suehiro Invalidity Chart from ITC Investigation
2007	RPI's Invalidity Contentions from ITC Investigation
2008	Excerpted RPI's Expert Report Regarding Invalidity from ITC Investigation
2009	RPI's Pre-Hearing Brief from ITC Investigation
2010	Patent Owner's Pre-Hearing Brief from ITC Investigation
2011	Day One Trial Transcript from ITC Investigation
2012	Day Two Trial Transcript from ITC Investigation
2013	Day Three Trial Transcript from ITC Investigation
2014	RPI's Opening Post-Hearing Brief from ITC Investigation
2015	Patent Owner's Reply Post-Hearing Brief from ITC Investigation
2016	File History of '602 Patent
2017	File History of '683 Patent
2018	-
2019	-
2020	Curriculum Vitae of Dr. Dierk Raabe
2021	Deposition Transcript of Dr. Michael Miles (Oct. 24, 2025)
2022	Joint Technology Stipulation, <i>Certain High-Strength Aluminum or Aluminum Alloy-Coated Steel, and Automotive Products and Automobiles Containing Same</i> , Inv. No. 337-TA-1402 (ITC)
2023	Li, Y., Chen, Y., & Li, S. (2021). Phase transformation testing and modeling for hot stamping of boron steel considering the effect of the prior austenite deformation. <i>Materials Science and Engineering: A</i> , 821, 141447.
2024	Çavuşoğlu, O., Çavuşoğlu, O., Yılmazoğlu, A. G., Üzel, U., Aydın, H., & Güral, A. (2020). Microstructural features and mechanical properties of 22mnb5 hot stamping steel in different heat treatment conditions. <i>Journal of Materials Research and Technology</i> , 9(5), 10901–10908.

Exhibit Number	Description
2025	Turetta, A., Bruschi, S., & Ghiotti, A. (2006). Investigation of 22MNB5 formability in Hot Stamping Operations. <i>Journal of Materials Processing Technology</i> , 177(1–3), 396–400.
2026	Bariani, P. F., Bruschi, S., Ghiotti, A., & Turetta, A. (2008). Testing formability in the hot stamping of HSS. <i>CIRP Annals</i> , 57(1), 265–268.
2027	Kucera, V., Cabibbo, M., Prusa, F., Fojt, J., Petr-Soini, J., Pilvousek, T., Kolarikova, M., & Vojtech, D. (2021). Phase composition of Al-Si coating from the initial state to the hot-stamped condition. <i>Materials</i> , 14(5), 1125.
2028	Declaration of Dr. Michael Miles, Exhibit 1003, <i>POSCO Co., Ltd. v. ArcelorMittal</i> , IPR2024-01376 (PTAB)
2029	Declaration of Dr. Michael Miles, Exhibit 1003, <i>POSCO Co., Ltd. v. ArcelorMittal</i> , IPR2019-01275 (PTAB)
2030	Petition, <i>POSCO Co., Ltd. v. ArcelorMittal</i> , IPR2024-01376 (PTAB)
2031	Petition, <i>POSCO Co., Ltd. v. ArcelorMittal</i> , IPR2019-01275 (PTAB)
2032	Springer, H., Kostka, A., Payton, E. J., Raabe, D., Kaysser-Pyzalla, A., & Eggeler, G. (2011). On the formation and growth of intermetallic phases during interdiffusion between low-carbon steel and aluminum alloys. <i>Acta Materialia</i> , 59(4), 1586–1600.
2033	Lemmens, B., Springer, H., Duarte, M. J., De Graeve, I., De Strycker, J., Raabe, D., & Verbeken, K. (2016). Atom probe tomography of intermetallic phases and interfaces formed in dissimilar joining between Al Alloys and Steel. <i>Materials Characterization</i> , 120, 268–272.
2034	Lemmens, B., Springer, H., De Graeve, I., De Strycker, J., Raabe, D., & Verbeken, K. (2017). Effect of silicon on the microstructure and growth kinetics of intermetallic phases formed during hot-dip aluminizing of Ferritic Steel. <i>Surface and Coatings Technology</i> , 319, 104–109.
2035	Lemmens, B., Springer, H., Peeters, M., De Graeve, I., De Strycker, J., Raabe, D., & Verbeken, K. (2018). Deformation induced degradation of hot-dip aluminized steel. <i>Materials Science and Engineering: A</i> , 710, 385–391.

Exhibit Number	Description
2036	Springer, H., Kostka, A., dos Santos, J. F., & Raabe, D. (2011). Influence of intermetallic phases and Kirkendall-porosity on the mechanical properties of joints between steel and aluminum alloys. <i>Materials Science and Engineering: A</i> , 528(13–14), 4630–4642.
2037	Steurer, W., Dshemuchadse, Julia. <i>Intermetallics: Structures, Properties, and Statistics</i> . (August 4, 2016)
2038	Sauthoff, Gerhard. <i>Intermetallics</i> (March 9, 1995)
2039	Pottgen, R., Jöhren, D. <i>Intermetallics</i> (2014).
2040	Declaration of Dierk Raabe
2041	Deposition Transcript of Dr. Michael Miles (March 26, 2026)
2042	Errata to Deposition of Dierk Raabe (Jan. 15, 2026)
2043	Patent Owner's Demonstratives
2044	Final Initial Determination ITC (Public Version)
2045	Commission Determination

IPR2025-00370 Joint Submission of ITC Final Initial Determination and
Commission Determination

The parties submit the public version of the ITC's Final Initial
Determination and Commission Determination as Exhibits 2044 and 2045
respectively.

Dated: May 8, 2026

Respectfully Submitted,

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing JOINT
SUBMISSION OF ITC FINAL INITIAL DETERMINATION AND
COMMISSION DETERMINATION was served upon Petitioner by email on May
8, 2026, to the following email address listed in Petitioner's mandatory disclosures:

IPR58281-0002IP2@fr.com

Dated: May 8, 2026

Respectfully Submitted,

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