

- AutomationDirect., 2016, *Practical Guide to Pneumatics*,
library.automationdirect.com
- Black, J.T., Kohser, R.A., *Degarmo's Materials and Processes in Manufacturing (Eleventh Edition)*, John Wiley & Sons, Inc., USA
- Boothroyd, G., Marinescu, I., 2002, *Product Design for Manufacture and Assembly*, Marcel Dekker, Inc., USA
- Bryan, L.A., Bryan. E.A., 1997, *Programmable Controllers Theory and Implementation*, Industrial Text Company, USA
- Chen, Y., et al., 2020, *A review of lithium-ion battery safety concerns: The issues, strategies, and testing standards*, Journal of Energy Chemistry 59 (2021) 83–99
- Gaines, Linda., 2018, *Lithium-ion battery recycling processes: Research towards a sustainable course*, Argonne National Laboratory, USA
- Ghosh, S., Singh, S.P, 2011, *Optimizing Feeding Systems*, University of Delhi, India
- Gu, Q., et al., 2021, *High-Performance Polyethylene Separators for Lithium-Ion Batteries Modified by Phenolic Resin*, Journal of Power Sources 483 (2021) 229155
- Hadiwibowo, S., 2019, *Desain Sistem Kontrol Mesin Dismantling Battery Lithium-Ion Model 18650 Dengan Programmable Logic Controller (PLC)*, Universitas Gadjah mada, Yogyakarta.
- Hibbeler, R., 2011, *Mechanic of Material*, Pearson Prentice Hall, United States of America.
- Lamb, Frank., 2013, *Industrial Automation Hands-On*, McGraw-Hill Education, USA
- Logan, Daryl L., 2007, *A first course in the finite element method*, Nelson, Canada.
- Mahardika, M., Perdana, I., Hadiwibowo, S., Wisambodhi, S.M., 2019, *Metode Dismantling Battery Lithium-Ion Model 18650*, Indonesia Patent P00201907450.

Mahardika, M., Perdana, I., Hadiwibowo, S., Wisambodhi, S.M., 2019, *Mesin Dismantling Battery Lithium-Ion Model 18650*, Indonesia Patent P00201907452.

Mahardika, M., Perdana, I., Hadiwibowo, S. & Wisambodhi, S. M., 2019. *Automatic Hopper Battery Lithium-ion Model 18650*. Indonesia, Paten No. P00201907453.

McKeen, L.W., 2017, *Film Properties of Plastics and Elastomers (Fourth Edition)*, Elsevier Inc., Netherlands

Parr, Andrew., 1998, *Hydraulics and Pneumatics A Technician's and Engineer's Guide*, Elsevier Ltd., Netherlands

Steward, D., Mayyas, A., Mann, M., 2019, *Economics and Challenges Of Li-Ion Battery Recycling From End-Of-Life Vehicles*, *Procedia Manufacturing* 33 (2019) 272 – 279

Wang, Y., Ooi, J.Y., 2015, *A Study of Granular Flow in A Conical Hopper Discharge Using Discrete and Continuum Approach*, *Procedia Engineering* 102, 765-772

Wisambodhi, S.M., 2019, *Rancang Bangun dan Analisis Rangka MESin Dismantling Battery untuk Proses Pengupasan Kulit Baterai Lithium-Ion Model 18650*, Universitas Gadjah Mada, Yogyakarta.

Xiao, Y., Huang, S., Chen, H., Xu, Bu., 2011, *Research on Tension Control Strategy of Battery Pole-piece Winding and Unwinding System Based on Fault-tolerant Control*, *Procedia Engineering* 15 (2011), 5073 – 5078

www.smcworld.com

na.industrial.panasonic.com

<https://ptm.bppt.go.id/kegiatan-dan-kerja-sama/berita/225-fgd-potensi-mineral-lithium-mineral-ikutan-timah-serta-dukungan-kementerian-perindustrian-terhadap-industri-logam-di-indonesia> (15/1/2020)

<https://republika.co.id/berita/pendidikan/dunia-kampus/pseoh7368/2022-indonesia-targetkan-mampu-buat-baterai-lithium> (13/1/2020)



Perancangan dan Analisis Rangka Mesin Unwinding Baterai dan Automatic Hopper untuk Mesin Dismantling

Battery Lithium-Ion Model 18650

IRFAN MUHAMMAD ROSADI, Muslim Mahardika, ST., M.Eng., Ph.D.

Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

<https://www.cnbcindonesia.com/news/20190827163128-4-95100/ri-punya-potensi-lithium-ini-lokasinya> (15/1/2020)

<https://www.medcom.id/pendidikan/news-pendidikan/DkqV2nVK-2022-indonesia-ditarget-mampu-hasilkan-litium-sendiri> (13/1/2020)