

Author: Prof. Dr. Eng. Ioan STROE

Title: Determination and design of simple clutches with multiple functions

Domain: Mechanical Engineering

PUBLICATIONS LIST

RELEVANT PAPERS

1. **Stroe, I.** A Tactile Sensors System. Jurnal BDI: PARIPEX – Indian Journal of Research, 01 January 2016, p. 120-122. ISSN 2250-1991
2. **Stroe, I.** Study of The Elastic and Safety Clutch with Equiangular Cam and Cam Follower. Jurnal BDI: Global Journal for Reserch Analysis, 2015 vol.4 issue 10 October 2015, p 177-181. ISSN No. 2277-8160.
3. **Stroe, I.** Influence of the Position Deviations on The Characteristic of Elastic and Safety Clutch. Jurnal BDI: PARIPEX – Indian Journal of Research, Vol. 4, issue 11 November, 2015. p.183-186. ISSN 2250-1991
4. **Stroe, I.** The Influence of the Geometric and Control Parametres on the Characteristic of the Elastic and Safety Clutch Jurnal BDI: IJSR – International Journal of Scientific Research, vol. 4., issue 12 December 2015, p. 169-171 ISSN 2277-8179
5. **Stroe, I.** Loading Cell for the Measurement of Forces and Torques in the Prehensile Joint of Industrial Robots Jurnal BDI: PARIPEX – Indian Journal of Research, Vol. 4, issue 12 december 2015 p 205-207. ISSN 2250-1991.
6. **Stroe, I.** The Dynamic Testing of the Elastic and Safety Clutches With Degenerated Followers in Equiangular Disposed Lamellar Springs Jurnal BDI: Indian Journal of Applied Research, Vol. 5, Issue 12 december 2015, p. 551-553. ISSN 2249-555x
7. **Stroe, I.** Elastic and Safety Clutch With Axially Distributed Elastic Dowels. Jurnal BDI: IJSR - International Journal of Scientific Research, Vol.3, issue 12 december 2014, p 121 -122, ISSN No 2277-8179
8. **Stroe, I.** Elastic and Safety Clutch. Machine Design, Novi Sad, 2010, p.165-169, ISSN 181 – 1259.
9. **Stroe, I.** Advanced Manufacturing Engineering, Quality and Production System, WSAS, Constantza Maritime University 2010, p. 173-177. ISSN 1792-4693, ISBN 978-960-474-220-2
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11. **Stroe, I.** The elastic and safety clutches with radially disposed lamellar bows. International conference on the theory of machines and mechanisms, , Liberec, Czech Republic, sep 02-04, 2008, proceedings pages: 585-588 published: 2008, ISBN: 978-80-7372-370-5.
12. **Stroe, I.** Design Procedure of Elastic and Safety Clutches using Cam Mechanisms In Proceeding on CD-ROM of Twelfth World Congress in Mechanism and Machine Science, June 17- 21, 2007 Besancon – France.

PhD THESIS

Theoretical and experimental contributions regarding the product design and modelling of a new class of clutches with multiple functions. Elastic and safety clutches. (Original title: Contribuții teoretice și experimentale privind conceperea și modelarea unei noi clase de cuplaje cu funcții multiple Cuplaje elastice și de siguranță)

Supervisor: Prof. Dr. Eng. Aurel JULA

Year: 2000

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1. **Stroe, I.** A Tactile Sensors System. Jurnal BDI: PARIPEX – Indian Journal of Research, 01 january 2016, p. 120-122. ISSN 2250-1991.

2. **Stroe, I.** Study of The Elastic and Safety Clutch with Equiangular Cam and Cam Follower. *Jurnal BDI: Global Journal for Reserch Analysis*, 2015, Vol.4, Issue 10, octomber 2015, p 177-181. ISSN No. 2277-8160.
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5. **Stroe, I.** Loading Cell for the Measurement of Forces and Torques in the Prehensile Joint of Industrial Robots *Jurnal BDI: PARIPEX – Indian Journal of Research*, Vol. 4, Issue 12 december 2015, p 205-207. ISSN 2250-1991.
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12. **Stroe, I.** Simple Mechanical Clutch with Multiple Functions. *Proc. of the 10th IFToMM International Symposium on Science of Mechanisms and Machines – SYROM 2009 (International Federation for the Promotion of Mechanism and Machine Science)*, Brasov, 2009, p. 433-444, Springer, ISBN: 978-90-481-3521-9, e-ISBN: 978-90-481-3522-0, DOI 10.1007/978-481-3522-6.-2.
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Date: 18.02.2016

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