

(54) Title of the invention : METHOD FOR OPTIMIZATION OF SUPPLY CHAIN FINANCE MANAGEMENT BASED ON BIG DATA

(51) International classification :G02C 070200, G06N 031200, G06Q 100600, G06Q 100800, G06Q 400200

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Mr. Sandip Rakshit
 Address of Applicant :Senior lecturer, The Business School, Hochi Minh City, RMIT University Vietnam, 700000 -----

2)Dr. Anju Khandelwal
3)Dr. Vijay Pratap Raghuvanshi
4)Avanish Kumar
5)Raushan Kumar
6)Dr. Ravindra A. Kayande
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)Mr. Sandip Rakshit
 Address of Applicant :Senior lecturer, The Business School, Hochi Minh City, RMIT University Vietnam, 700000 -----

2)Dr. Anju Khandelwal
 Address of Applicant :Associate Professor, Dept. of Mathematics, SRMS College of Engineering and Technology, Bareilly, Uttar Pradesh - 243202 -----
3)Dr. Vijay Pratap Raghuvanshi
 Address of Applicant :Associate Professor, Facilities and Hygiene Management, Delhi Skill and Entrepreneurship University, Delhi - -----

4)Avanish Kumar
 Address of Applicant :Professor and Former HOD, Dept. of Mathematical Sciences and Computer Application, Bundelkhand University, Jhansi, Uttar Pradesh - 284001 -----
5)Raushan Kumar
 Address of Applicant :PhD Research Scholar, Department of Management Sciences, Mahatma Gandhi Central University, East Champaran, Bihar -----
6)Dr. Ravindra A. Kayande
 Address of Applicant :Associate Professor, School of Ports, Terminal Management, Logistics & Supply Chain Management, Symbiosis Skills and Professional University, Kiwale, Pune, Maharashtra -----

(57) Abstract :

The present invention relatesto provide a method for optimization of supply chain finance management based on big data. supply chain finance management based on big data. The system is comprising of cash flow data collecting unit, net cash data handling unit, cash disburse unit, smart display. The cash collection data unit collected data from various modes of cash data like as e-payment, cash transaction, interest receipt etc. Net cash data handling unit filtered and classified data according to machine learning algorithm and big data analysis. The cash disburse unit is disbursed the cash according to machine learning algorithm. The smart display shows cash flow, net cash flow, disbursement of cash at real time.

No. of Pages : 9 No. of Claims : 2