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Sodium-Ion and sodium Metal BAtteries for efficient and sustainable next-generation energy storage

GRANT AGREEMENT No. 963542

SIMBA – Deliverable Report

<< D7.6– IPR Interim Report >>

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Publishable summary

This IRP report is D7.6 of the SIMBA project as part of work package 7 “Dissemination, exploitation, communication and data management”. It aims to provide an assessment of the patent landscape relevant to the SIMBA project. As partners have their own ways of handling their IP, this report puts more focus on patents that claim combinations of the sub-sections of the SIMBA project (hard carbon anodes, porous ceramic anode frameworks, single ion polymer electrolytes, and Prussian white and layered oxide cathodes). The Espacenet database was used to identify patents with similarities to aspects of the SIMBA project.

An overview is provided of the existing IP held by SIMBA consortium members that is relevant to the SIMBA project. The patent landscape for sodium ion batteries generally is then described, along with trends. A breakdown of IP with claims overlapping subsections of the SIMBA project is presented. No patents were identified that claim all aspects of the SIMBA project. The patent landscape is seen to be particularly active, and necessitating regular attention to IP for the duration of the SIMBA project.

Appendix D – Disclaimer/Acknowledgement

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 963542. The information and views set out in this publication does not necessarily reflect the official opinion of the European Commission. Neither the European Union institutions and bodies nor any person acting on their behalf, may be held responsible for the use which may be made of the information contained therein.