

Title (en)
COMPUTER SIMULATION OF ELECTROMAGNETIC FIELDS

Title (de)
COMPUTERSIMULATION VON ELEKTROMAGNETISCHEN FELDERN

Title (fr)
SIMULATION INFORMATIQUE DE CHAMPS ÉLECTROMAGNÉTIQUES

Publication
EP 3008619 A2 20160420 (EN)

Application
EP 14810283 A 20140610

Priority

- US 201313914507 A 20130610
- US 201313923305 A 20130620
- US 201414261415 A 20140424
- US 2014041805 W 20140610

Abstract (en)
[origin: WO2014201060A2] A method and system is provided for solving for electromagnetic fields by approximating an electromagnetic function as a sum of basis functions multiplied by coefficients to be determined. The set of equations used to determine the coefficients results from taking derivatives of the action integral with respect to the coefficients (and/or other parameters) and setting the derivative equal to zero, thereby extremizing the action integral.

IPC 8 full level
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CPC (source: EP)
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