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PAT. NO.	Title
1 11,347,911	Systems and methods of determining a numerical material model that optimally emulates physical material test results
2 11,244,095	Numerically estimating a pre-stamped shape of a workpiece used for manufacturing a product/part with deep draw metal stamping
3 11,238,195	Configuring resistance spot welding setup based on numerical simulation results
4 11,120,180	Methods and systems for conducting a time-marching numerical simulation of a deep drawing metal forming process for manufacturing a product or part
5 11,017,133	Methods and systems for manufacturing products/parts made of carbon fiber reinforced composite based on numerical simulations
6 10,977,399	Methods and systems for conducting a time-marching numerical simulation of a deep drawing metal forming process for manufacturing a product or part
7 10,699,042	Methods and systems for manufacturing products/parts made of carbon fiber reinforced composite based on numerical simulations
8 10,579,039	Setting up physical tools for scrap trimming operations in sheet metal forming based on numerical simulation results
9 10,474,773	Methods of improving reinforced concrete structures via numerical simulations
10 10,467,359	Special-purpose programmed computer for numerical simulation of a metal forming process having a predefined load path with corresponding mesh adjustment scheme
11 10,452,796	Dynamically-positioned search domain used in numerical simulation of an impact event between two objects
12 10,423,737	Numerical simulation of objects being released onto a surface in a manufacturing process
13 10,330,645	Systems and methods for determining crack propagation length inside a structure using a technique based on acoustic signature
14 10,311,181	Methods and systems for creating computerized mesh model for layered shell-like structure
15 10,303,822	Systems and methods of designing geometry of tool set in a numerical simulation of sheet metal forming operations including springback compensation
16 9,910,942	Methods and systems for specifying metal necking failure criteria in finite element analysis
17 9,910,939	Characterization of graphical representation of numerical simulation results
18 9,852,235	Multi-objective design optimization using adaptive classification

