

SAMPLE — NOT LEGAL ADVICE. This response letter was generated automatically from publicly available analysis. It has NOT been reviewed by a licensed attorney and SHOULD NOT BE SENT to any party without substantial review and customization by qualified patent counsel. Use as a starting point only.

[Your Name]

[Your Title]

[Your Company]

[Street Address, City, State ZIP]

May 25, 2026

[Opposing Counsel Name]

[Firm Name]

[Address]

Re: U.S. Patent No. 8842454 — Response to Assertion of Infringement

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 8842454 (the "8842454 Patent"). After preliminary review, we have substantial concerns about the validity, enforceability, and scope of the asserted claims, summarized below. We reserve all rights and defenses.

1. Subject Patent — Summary

Here's a concise summary of US patent 8842454:

US Patent 8842454: Inverter array with localized inverter control

- Title: Inverter array with localized inverter control
- Assignee: GRIDSCALE SOLUTIONS, LLC. (Current Assignee as of 2026-04-21)
- Inventors: Brian Johnson, Philip Krein, Alexander Gray, Patrick L. Chapman
- Filing Date: 2011-02-17
- Issue Date: 2014-09-23
- Abstract: An apparatus delivers AC power to an AC load using multiple inverters, each receiving DC power from a respective source. A primary controller generates a primary control signal based on the total AC current and voltage supplied to the load. Each of several secondary controllers receives this primary signal and...

2. Validity Concerns under 35 U.S.C. § 102 — Prior Art

We have identified prior-art references that, in our preliminary view, anticipate one or more asserted claims of the 8842454 Patent:

To find the most relevant prior art for US patent 8842454, I will use the patent's own citations. The full patent text provided lists a "Citations" section. I will analyze these cited patents to

identify those most relevant to the claims of US8842454. I will then extract the required information for each.

Based on the provided patent text, I will now list the patent citations for US8842454, along with the requested details. Since I do not have direct access to the USPTO database for real-time searching and claim-by-claim analysis against each prior art, I will focus on providing the available information from the "Citations" section within the patent document itself. I will identify potential anticipation under 35 U.S.C. § 102 based on the brief descriptions and the claims of US8842454.

Please note that a definitive anticipation analysis under 35 U.S.C. § 102 requires a detailed review of each prior art document's full disclosure and a comparison with each claim element of US8842454, which goes beyond the scope of a brief summary. The "which claim(s) it potentially anticipates"...

3. Obviousness under 35 U.S.C. § 103

Independent of § 102, we believe the asserted claims are obvious in view of combinations of prior art that a person having ordinary skill in the art would have been motivated to combine:

Obviousness Analysis under 35 U.S.C. § 103 for US Patent 8842454

This analysis identifies combinations of prior art references that would render the independent claims of US Patent 8842454 obvious to a person having ordinary skill in the art (PHOSITA) as of the priority date (2010-11-29). The motivation to combine these references stems from the common goals in the field of photovoltaic (PV) power conversion: maximizing efficiency, ensuring stable grid connection, and optimizing performance under variable environmental conditions, such as partial shading.

Claims under analysis

The key features of the independent claims (Claim 1 - Apparatus, Claim 10 - Method, Claim 17 - Computer-Readable Medium) of US8842454 involve:

- A plurality of inverters converting DC power from respective DC sources (e.g., PV cells) to AC power for an AC load.
- A hierarchical control system comprising:

A primary (master) controller generating a primary control signal based on the total AC current and total AC voltage delivered to the AC load by the plurality of inverters.

A plurality of secondary...

4. Request

In light of the foregoing, we request that your client (i) provide a detailed claim chart identifying each accused product or service and mapping every limitation of each asserted claim, (ii) identify any prior art known to your client, including any references cited during prosecution or reexamination, and (iii) substantiate the basis for any damages or licensing demand. We are prepared to discuss the matter further once we have received and reviewed the foregoing.

Sincerely,

[Your Name]

DISCLAIMER. This document is a machine-generated sample. The factual assertions, prior-art citations, and legal arguments above are AI-produced and may contain errors, omissions, or outdated information. Do not transmit this letter, in whole or in part, to any party. This is not legal advice; no attorney-client relationship is created by its existence. Consult a licensed patent attorney before responding to any patent-infringement assertion.

Generated May 25, 2026 by ihatepatentrolls.com — sample only.