

Prior art of record — U.S. 10,217,523

Earliest priority date 2008-04-14 · compiled 2026-10-11

References the examiner cited	5
References the applicant filed	125
Examiner share of the art of record	4%
Distinct references of record	130
Foreign family equivalents	565
Total documents already known	704

What this shows

The examiner cited 5 of the 130 references of record; the other 125 came in through the applicant's own disclosure statements. That is not a criticism of the examiner — it is how examination works under time pressure — but it means this patent was tested mainly against art its owner selected, and applicants disclose art they have already distinguished.

The 565 family equivalents are those same disclosures filed in other jurisdictions. They do not appear on the face of the patent, but under the Advanced Bionics framework the Board may decline to institute where the art is "substantially the same" as what the Office already considered (35 U.S.C. § 325(d)) — so these are the documents least worth building a challenge on.

Appendix — documents of record (first 200 of 704)

DOCUMENT	SOURCE	DATE	VIA
US5138619A	examiner	1992-08-11	
US6175529B1	examiner	2001-01-16	
US6178126B1	examiner	2001-01-23	
US6560740B1	examiner	2003-05-06	
US7631153B2	examiner	2009-12-08	
US20010008006A1	applicant	2001-07-12	
US20010048342A1	applicant	2001-12-06	
US20020000847A1	applicant	2002-01-03	
US20020131535A1	applicant	2002-09-19	
US20020140523A1	applicant	2002-10-03	
US20030098742A1	applicant	2003-05-29	
US20030126346A1	applicant	2003-07-03	
US20030197797A1	applicant	2003-10-23	
US20030218491A1	applicant	2003-11-27	
US20040006729A1	applicant	2004-01-08	
US20040155702A1	applicant	2004-08-12	
US20040199843A1	applicant	2004-10-07	
US20050093620A1	applicant	2005-05-05	
US20050127989A1	applicant	2005-06-16	
US20050257109A1	applicant	2005-11-17	
US20050289423A1	applicant	2005-12-29	
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US20060144015A1	applicant	2006-07-06	
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US20060192653A1	applicant	2006-08-31	
US20060242458A1	applicant	2006-10-26	
US20060262586A1	applicant	2006-11-23	
US20060271748A1	applicant	2006-11-30	
US20070030814A1	applicant	2007-02-08	
US20070058471A1	applicant	2007-03-15	
US20070070669A1	applicant	2007-03-29	
US20070079199A1	applicant	2007-04-05	
US20070109707A1	applicant	2007-05-17	
US20070152743A1	applicant	2007-07-05	
US20070204075A1	applicant	2007-08-30	
US20070223296A1	applicant	2007-09-27	
US20080104352A1	applicant	2008-05-01	
US20080162790A1	applicant	2008-07-03	
US20090103387A1	applicant	2009-04-23	
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US3660675A	applicant	1972-05-02	
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US4782487A	applicant	1988-11-01	
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US4885799A	applicant	1989-12-05	
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US6011710A	applicant	2000-01-04	
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US6044481A	applicant	2000-03-28	
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US6169696B1	applicant	2001-01-02	
US6194959B1	applicant	2001-02-27	
US6216240B1	applicant	2001-04-10	
US6271060B1	applicant	2001-08-07	
US6317352B1	applicant	2001-11-13	
US6321320B1	applicant	2001-11-20	
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US6396136B2	applicant	2002-05-28	
US6467056B1	applicant	2002-10-15	
US6541872B1	applicant	2003-04-01	
US6614702B2	applicant	2003-09-02	
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US6747887B2	applicant	2004-06-08	
US6812869B1	applicant	2004-11-02	
US6829728B2	applicant	2004-12-07	
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US6918072B2	applicant	2005-07-12	
US6928024B2	applicant	2005-08-09	
US6928593B1	applicant	2005-08-09	
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US7036064B1	applicant	2006-04-25	
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CN104681072B	family of a cited reference	2018-06-05	US20080162790A1
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CN1679108B	family of a cited reference	2011-08-17	US6639820B1
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DE102004004796B4	family of a cited reference	2007-11-29	US7631153B2
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DE112006002300B4	family of a cited reference	2013-12-19	US20070058471A1
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DE112006004263A5	family of a cited reference	2012-12-13	US20070058471A1
DE112006004263B4	family of a cited reference	2015-05-13	US20070058471A1
DE112007002605T5	family of a cited reference	2010-04-22	US20080104352A1
DE2122292A1	family of a cited reference	1971-11-18	US3660675A
DE2122292B2	family of a cited reference	1980-07-24	US3660675A

What a full search adds

- **It starts by excluding all 704 documents above.** Art the Office has already seen is the art least worth finding again.
- **Classification-anchored, not keyword.** Searching the way the Patent Office searches, by classification first.
- **Japanese, Korean and Chinese literature** through the EPO worldwide collection, plus non-patent literature — often where the closest mechanical and electronics art sits, and invisible to a US-only search.
- **An element-by-element claim chart** with verbatim pinpoint citations, in the form invalidity contentions and a petition claim chart require.
- **An honest negative if that is the answer.** If nothing strong turns up, the report says so and shows what was searched.

\$899 — focused: one patent, its independent claims.

\$1,500 — full: all asserted claims, including dependents.

Fixed fee, quoted before any work starts. Five business days focused, ten full.

Examiner Search

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Sources for the preceding pages: the references of record for this patent, expanded to the DOCDB family of each. **These are counts, not conclusions** — what they imply is counsel's call.