



Document No.
US9251677 B1

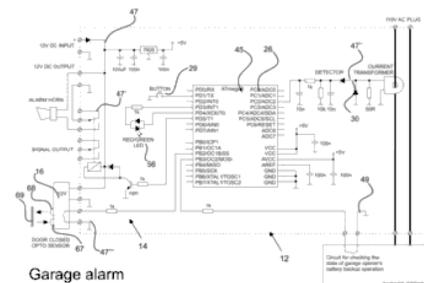
App. No.
14/304779

Doc Status
ACTIVE

Powered entrance barrier alarm device and system using same

PScore: 7 **15** Cite **92** Tech **3** Legal

A powered entrance barrier door alarm device and system is configured to alert someone of an unauthorized breach of a powered entrance barrier, such as a garage door, whereby the powered entrance barrier is opened without the use of the powered entrance barrier opener. The powered entrance barrier alarm system includes a powered entrance barrier position sensor, and a detector circuit coupled with a powered entrance barrier opener power supply. The detector circuit measures an electrical power parameter to a powered entrance barrier opener. A detector module having a controller monitors the inputs from the detector circuit and the powered entrance barrier positioning sensor to determine if an alarm should be initiated. A detector module may have an electrical plug and an electrical outlet for a powered entrance barrier opener.



Priority	Filed	Granted	Est. Exp.
2014-06-13	2014-06-13	2016-02-02	2034-06-27

Assignee Current N/A **Assignee Original** N/A

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HOBSON ALEX

Prosecution Statistics

No. O/As	1	Claim Sets	2
No. RCEs	0	FW Docs.	36
Pendency	1.64 yrs.	Len. Spec.	14 pgs.
CoC	No	Term. Disc.	No
Restriction	No	Term Ext.	14 days

Family Statistics

Apps. Filed	1
Apps. Active	0
Apps. Abandoned	0
Grants	1
Grants Active	1

Document Statistics

Total Words	7187 words
Len. Claim 1	173 words
No. Figures	8 pgs.
Rem. Annuities	\$12600
Next Payment	2019-08-02

Claim 1 **No. Claims: 19** **Length: 173 words**

A powered entrance barrier alarm system comprising:

a) a detector module comprising:

i) a current detector circuit directly connected with a power supply cable that leads to a powered entrance barrier opener that measures an electrical current drawn by said powered entrance barrier opener through said power supply cable;

b) an alarm system interface coupled with an alarm;

c) a powered entrance barrier position sensor input coupled with a barrier position sensor; and

wherein the detector module is configured outside of the powered entrance barrier opener;

wherein the powered entrance barrier alarm system is configured to receive a signal from the barrier position sensor when said barrier position sensor detects that a powered entrance barrier is opened from a closed position; and

whereby when said barrier position sensor detects that a powered entrance barrier is opened from a closed position and said detector circuit does not detect a threshold current being drawn by said powered entrance barrier opener, the powered entrance barrier alarm system activates an alarm signal through said alarm system interface.



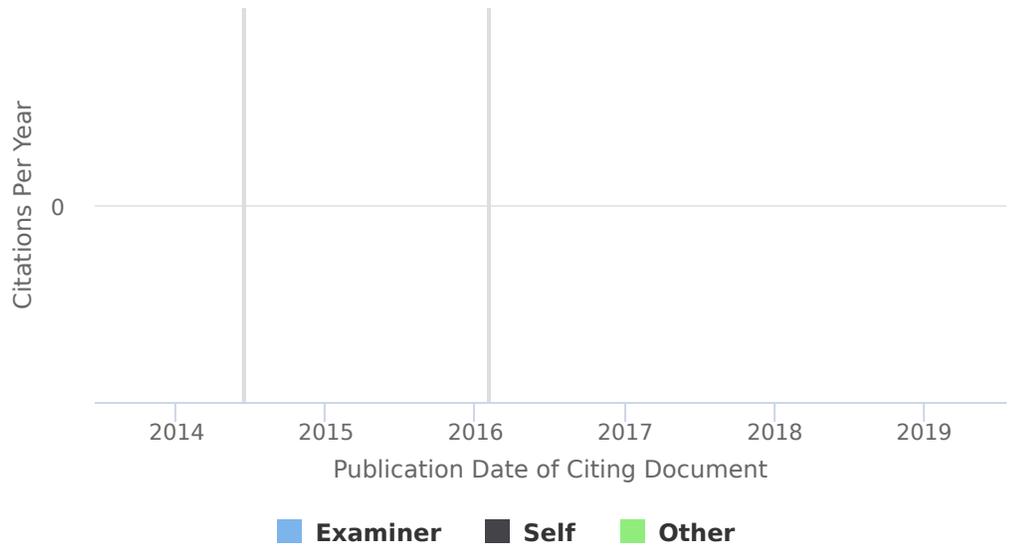
Score Details

<p>7 Patent Score</p>	<p>15 Citation Score</p>	<p>Remaining Life: 14.90 yrs.</p>
	<p>3 Legal Score</p>	<p>Number Claims: 19</p>
	<p>92 Tech Score</p>	<p>Forward Citations: 0</p>
		<p>Family Size: 1</p>
		<p>Remaining Maint: US \$12600</p>

Citation Analysis

<p>15 Citation Impact Score</p>	<p>0 Forward Citations</p>	<p>0 App Citations</p>	<p>0 Patent Citations</p>
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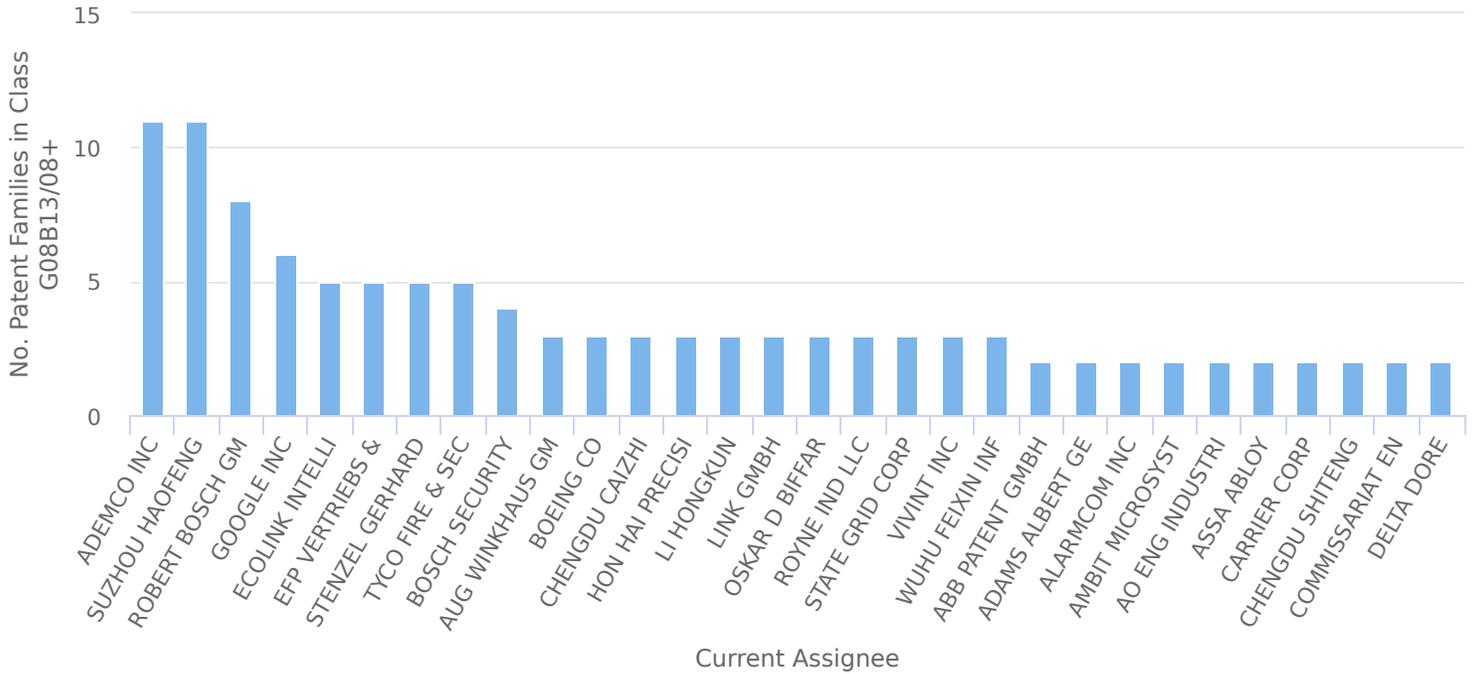
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Age in Class

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