

## Falke 33 patent applications

January 12 2011 at 1:26 AM



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Owner

I've posted scans of the original patent applications for the Falke 33 pistol in the Resources section. Although very interesting from a technical standpoint, I don't think they reveal anything we didn't know already about the Falke company etc.

But since my German is almost non-existent, perhaps the German speakers among us could take a quick look and see if any nuggets of new information lie within, please...?

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| <p><b>Michael Meijer</b><br/>(Login <a href="#">M.Meijer</a>)</p> | <p><b>Some further explanation</b> <span style="float: right;">January 12 2011, 1:16 PM</span></p> <p>From what I gather, this new construction ensures a light arming of the pistol with the application of a connector ('b'in the illustration no.2)) that makes for more 'leverage' at the end of the compressing stroke - which of course takes the most effort when compressed in a linear way. At the same time the construction ensures a positive and secure closure of the barrel when the spanner lever ('a' in illustr.no 1 and 'o' in no.2)) - that acts as a trigger guard as well - is returned, pushing at the pivoting body 'o' (underneath the barrel in illustr.2) that in turn engages the barrel. Picture 3 shows how connector 'b' and handle /spanner 'a' fall into each other, helping to maintain a low profile of the pistol.</p> <p>Clever, I think, especially when you look at similar pistols based on the pre-war german design (by Moritz und Gerstenberger or EM-GE). The ease of arming is likely not that much better (albeit easier than a traditional break-barrel design) but the underslung mechanism is an improvement to the original overslung design of the EM-GE 'Zenith'. The positive (re-)positioning and lock of the barrel is another different feature presented as 'patent-worthy'; if this is a better construction is up to conjecture me thinks.</p> <p>Mike</p> <p style="text-align: right;"><a href="#">Respond to this message</a></p> |
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