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; Attributes: bp-based frame

; DoublyLinkedList *__fastcall DoublyLinkedList::DoublyLinkedList(DoublyLinkedList *__hidden this)
public _ZN16DoublyLinkedListC2Ev ; weak
_ZN16DoublyLinkedListC2Ev proc near

var_8= qword ptr -8

; _unwind {
push    rbp                (1)
mov     rbp, rsp
mov     [rbp+var_8], rdi
mov     rax, [rbp+var_8]
mov     qword ptr [rax], 0
mov     rax, [rbp+var_8]
mov     qword ptr [rax+8], 0
mov     rax, [rbp+var_8]
mov     dword ptr [rax+10h], 0
nop
pop     rbp                (3)
retn
; } // starts at 129C
_ZN16DoublyLinkedListC2Ev endp

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1. Preamble
2. Passes an available written address to allocate pointers to as well as len. Sets the two pointers to null and len to 0 through offsets. It allocates the two head and tail pointers first (as evidenced by qword ptr) before setting the dword ptr (len) to 0.
3. Epilogue