

(12) United States Patent Header

(10) Patent No.: (45) Date of Patent:

US 9,359,806 B2

*Jun. 7, 2016

(54) COMBINATION MARINE AND STOP FRAME GLAZED PANEL AND METHOD FOR THE **SAME**

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Subject to any disclaimer, the term of this (*) Notice: patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-

claimer.

Appl. No.: 14/638,556

Filed: (22)Mar. 4, 2015

(65)**Prior Publication Data**

> US 2015/0267460 A1 Sep. 24, 2015

Related U.S. Application Data

- Continuation-in-part of application No. 14/219,762, filed on Mar. 19, 2014, now Pat. No. 8,997,412.
- (51)Int. Cl. E06B 3/54 (2006.01)E06B 3/263 (2006.01)E06B 1/52 (2006.01)E06B 3/30 (2006.01)E06B 3/48 (2006.01)E04B 2/88 (2006.01)E06B 3/964 (2006.01)E06B 3/968 (2006.01)

(52) U.S. Cl.

CPC E06B 3/26303 (2013.01); E06B 1/524 (2013.01); E04B 2/88 (2013.01); E06B 3/305 (2013.01); *E06B 3/481* (2013.01); *E06B 3/9642* (2013.01); E06B 3/9687 (2013.01); Y10T 29/49826 (2015.01)

(58) Field of Classification Search

CPC E04B 2/967; E04B 2/96; E06B 3/5427; E06B 3/5454; E06B 3/54; E06B 1/12; E06B 1/14; E06B 1/18

USPC 52/204.71, 204.62, 204.67, 204.7, 52/204.705; 49/501, 504

See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

2,918,708 A	12/1959	Sharp et al.
3,299,596 A	1/1967	Neal et al.
3,388,517 A	6/1968	Wohl et al.
4,555,868 A	12/1985	Mancuso
4,621,478 A	11/1986	Phillips et al.
4,747,248 A	5/1988	Fahs
5,012,616 A	5/1991	Martin
	(0	. 1

(Continued)

OTHER PUBLICATIONS

SL 35 Detail Sections Folding Glass Door, Jun. 2010, Solarlux Aluminum Systeme GmbH, Germany.

SL 60e Detail Sections Folding Glass Door, Jan. 2013, Solarlux Aluminum Systeme GmbH, Germany.

(Continued)

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ABSTRACT (57)

Disclosed is a framed glazed door or wall panel that can be utilized in applications requiring structural rigidity of the panel frame such as pivot doors, hinged doors, or glass folding doors, and a method for assembling the same. The panel includes marine glaze vertical frame members and horizontal stop glaze frame members. The vertical frame members and horizontal frame members can be rigidly joined by corner lugs inserted the body of the horizontal frame members and captively held on the surface of the vertical frame members.

6 Claims, 36 Drawing Sheets



