

Title (en)
PREFABRICATED BUILDING COMPONENTS AND ASSEMBLY EQUIPMENTS

Title (de)
FERTIGBAUTEILE UND MONTAGEAUSRÜSTUNG

Title (fr)
ÉLÉMENTS DE CONSTRUCTION PRÉFABRIQUÉS ET ÉQUIPEMENTS D'ASSEMBLAGE

Publication
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Application
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• US 24805108 A 20081009

Abstract (en)
[origin: US2009173037A1] This continuing present patent offers the "repeat at will" built-in on/off vacuum effect after installed at site, coordinating with the forced fluid to create a window treatment effect, and as well as being able to provide the three stages insulation value at the same time. The other parts of this continued patent are supplementation of additional claims and to complete and improve the parent patent regarding energy conservation for buildings. It offers more efficient ways of constructing energy efficient buildings for residential, commercial and industrial use.

IPC 8 full level
E04B 1/74 (2006.01); **E04B 1/80** (2006.01); **F24F 5/00** (2006.01)

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E04B 1/74 (2013.01 - EP US); **E04B 1/803** (2013.01 - EP US); **F24F 5/0075** (2013.01 - EP US); **F24F 2005/0078** (2013.01 - EP US); **Y02A 30/00** (2017.12 - EP US); **Y02A 30/242** (2017.12 - EP US); **Y02B 30/90** (2013.01 - EP US); **Y02B 80/10** (2013.01 - EP US); **Y02P 80/10** (2015.11 - EP US)

Cited by
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DOCDB simple family (publication)
US 2009173037 A1 20090709; AU 2008346725 A1 20090716; BR PI0819947 A2 20150616; CN 101910530 A 20101208; EP 2240652 A1 20101020; EP 2240652 A4 20140611; IL 206699 A0 20101230; JP 2011508837 A 20110317; JP 5336514 B2 20131106; KR 20110016853 A 20110218; MX 2010007574 A 20101110; NZ 586584 A 20130531; WO 2009086617 A1 20090716; ZA 201003863 B 20110330

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