

Title (en)  
SYSTEM OF AT LEAST TWO PANELS

Title (de)  
SYSTEM AUS WENIGSTENS ZWEI PANEELN

Title (fr)  
SYSTÈME D'AU MOINS DEUX PANNEAUX

Publication  
**EP 2550415 B1 20180207 (DE)**

Application  
**EP 11710473 A 20110321**

Priority  
• DE 102010012572 A 20100323  
• EP 2011054211 W 20110321

Abstract (en)  
[origin: WO2011117179A1] System consisting of at least two panels (1, 1') for forming a covering, wherein the two panels (1, 1') have a first lateral edge (4) and a second lateral edge (5) which can be connected by a movement substantially perpendicular to the covering. The first lateral edge has a movably designed locking member (10, 10') and a spring means (14), and the second lateral edge has a locking element which interacts with the locking member (10, 10'). The spring means is coupled to the locking member in such a way that, in an inner position, the spring means exerts a restoring force on the locking member in the direction of an outer position. The locking member and the locking element each have a locking face. In order to ensure greater vertical extraction forces, the locking faces of the locking member and of the locking element in the connected state lock the second lateral edge against upward lifting, while the locking member is supported with respect to the panel.

IPC 8 full level  
**E04F 15/02** (2006.01)

CPC (source: EP US)  
**E04F 15/02** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US); **E04F 2201/0146** (2013.01 - EP US); **E04F 2201/041** (2013.01 - EP US); **E04F 2201/049** (2013.01 - EP US); **E04F 2201/07** (2013.01 - EP US)

Citation (examination)  
WO 2008060232 A1 20080522 - VAELINGE INNOVATION AB [SE], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010012572 B3 20110714**; EP 2550415 A1 20130130; EP 2550415 B1 20180207; ES 2667499 T3 20180511; PL 2550415 T3 20180731; RU 2012144835 A 20140427; RU 2521262 C2 20140627; US 2013160390 A1 20130627; US 8707651 B2 20140429; WO 2011117179 A1 20110929

DOCDB simple family (application)  
**DE 102010012572 A 20100323**; EP 11710473 A 20110321; EP 2011054211 W 20110321; ES 11710473 T 20110321; PL 11710473 T 20110321; RU 2012144835 A 20110321; US 201113636455 A 20110321