

Title (en)
Door leaf.

Title (de)
Torblatt.

Title (fr)
Vantail de porte.

Publication
EP 0370376 A2 19900530 (DE)

Application
EP 89121161 A 19891115

Priority
• DE 3839872 A 19881125
• DE 8908509 U 19890712

Abstract (en)
Door leaf made of a number of panels connected by means of hinges, in particular an articulated ceiling door, in which the insertion of fingers into the gap between two consecutive panels is prevented in that those end faces of adjacent panels which are turned towards one another are provided with end surfaces which run in arched manner approximately about the hinge axis, so that a finger-wide gap does not arise between the panels in any pivoting position, in which connection, outside the end surfaces which run in an arched manner and start from the outside of the door leaf, in the region close to the inside of the door leaf, step regions are formed, which engage in one another in the closed position of the door leaf. In order to be able simply to manufacture such a door made of panels in a tight or supported or accurately oriented closed position in relation to one another, a gap section, in which the gap distance is interrupted and across which the panels, in the closed position of the door leaf, lie against one another, is provided in the gap region between those end faces of adjacent panels which are turned towards one another, seen from the outside of the door leaf to the inside of the door leaf.

Abstract (de)
Torblatt aus einer Anzahl von mittels Scharnieren verbundener Paneele, insbesondere eines Deckengliedertores, bei welchem der Eingriff von Fingern in den Spalt zwischen zwei aufeinanderfolgenden Paneelen dadurch vermieden ist, daß die einander zugewandten Stirnseiten benachbarter Paneele mit etwa um die Scharnierachse bogenförmig verlaufenden Stirnflächen versehen sind, so daß in keiner Verswenkstellung zwischen den Paneelen ein fingerbreiter Spalt entsteht, wobei außerhalb der bogenförmig verlaufenden Stirnflächen, die von der Torblattaußenseite ausgehen, im Nahbereich der Torblattinnenseite Stufenbereiche ausgebildet sind, die in Torblattschließstellung ineinandergreifen. Um ein solches Tor aus Paneelen in dichter bzw. abgestützter oder genau orientierter Schließstellung zueinander einfach herstellen zu können, ist im Spaltbereich zwischen den einander zugewandten Stirnseiten benachbarter Paneele von der Torblattaußen- zur Torblattinnenseite her gesehen ein Spaltabschnitt vorgesehen, in welchem der Spaltabstand unterbrochen ist und über welchen die Paneele in Schließstellung des Torblattes aneinanderliegen.

IPC 1-7
E06B 3/48

IPC 8 full level
E06B 9/02 (2006.01); **E05F 7/00** (2006.01); **E06B 3/48** (2006.01); **E06B 9/15** (2006.01); **E06B 9/17** (2006.01)

CPC (source: EP)
E06B 3/485 (2013.01)

Cited by
FR2776334A1; DE102014010366A1; EP2666948A1; DE102016008308A1; EP3751086A1; EP1094190A1; DE19815826C1; EP1158133A3; EP1099822A1; EP0943776A1; US5927369A; EP0666401A1; EP2466051A3; EP1395727A4; DE102019115718A1; GB2380219A; GB2380219B; EP0930415A1; AU700830B2; US6019269A; US5934352A; EP0608683A3; DE202018103416U1; NL1008182C2; US5495640A; US5522446A; US5562141A; US5566740A; EP1221532A1; DE3726699A1; CN102470684A; EP0787882A3; EP2666950A1; BE1020696A3; DE3726699C5; DE102007004081A1; FR2860827A1; US5782283A; CZ298045B6; WO2009157790A1; WO9534738A3; WO2011147428A1; US8376021B2; DE102017123493A1; WO2019072654A1; DE202009010661U1; DE102016007222A1; DE102004014182B4; FR2847934A1; EP1072750A1; AU717270B2; EP0595285A1; EP2103771A3; EP2295700A3; WO03087508A1; US7454815B2; WO2018091204A2; EP1321620A2; EP1213429A1; US6648052B2; WO2016004966A1; WO2008135060A1; WO9710405A1; WO9916997A1; WO03087504A3; US6772814B2; DE102010006088A1; DE102013010661A1; US6213189B1; DE202009015976U1; DE102017003168A1; WO9949168A1; WO2021209533A1; US6578619B2; DE102021106140A1; DE102009017767A1; WO2010118767A1; DE202014001122U1; EP2905411A1; WO9928584A1; DE102012010028A1; DE202006020621U1; EP1722061A2; EP2039865A1; EP2103771A2; EP1835118A2; EP1580393A2; EP2295700A2; US7946332B2; DE202005021943U1; DE202005021944U1; DE202018103141U1; DE102017123498A1; WO2022257094A1; EP2136025A2; DE102008028678A1; DE102009041860A1; WO2011000576A1; DE202009018718U1; EP2586952A2; EP2682554A1; DE102012013256A1; DE102008028678B4

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0370376 A2 19900530; EP 0370376 A3 19910904; EP 0370376 B1 19940720; EP 0370376 B2 19981202; AT E108859 T1 19940815; DE 3938021 A1 19900531; DE 3938021 C2 19980129; DE 3938021 C3 20030327; DE 58908069 D1 19940825; DE 8913520 U1 19900329; DK 173526 B1 20010129; DK 173526 B2 20070305; DK 591389 A 19900526; DK 591389 D0 19891124; ES 2056181 T3 19941001; ES 2056181 T5 19990416; FI 895643 A0 19891124; FI 93762 B 19950215; FI 93762 C 19950526; GR 3029539 T3 19990630; JP 2868253 B2 19990310; JP H02190590 A 19900726; NO 180807 B 19970324; NO 180807 C 19970702; NO 894620 D0 19891121; NO 894620 L 19900528

DOCDB simple family (application)
EP 89121161 A 19891115; AT 89121161 T 19891115; DE 3938021 A 19891115; DE 58908069 T 19891115; DE 8913520 U 19891115; DK 591389 A 19891124; ES 89121161 T 19891115; FI 895643 A 19891124; GR 990400634 T 19990301; JP 30637089 A 19891125; NO 894620 A 19891121