

Title (en)
Screening device

Title (de)
Abdeckvorrichtung

Title (fr)
Dispositif d'occultation

Publication
EP 2182161 A3 20130529 (EN)

Application
EP 09174638 A 20091030

Priority
BE 200800592 A 20081031

Abstract (en)
[origin: EP2182161A2] The invention relates to a screen (1) which can be wound onto and unwound from a screen roller using a maximum of N rotations, in which flexible thickenings (3) with a thickness d are guided in screen guides during the winding and unwinding movement, in which creasing of the screen (1) and folding over of the thickenings (3) during winding and unwinding is prevented: - by screen roller end pieces (4) provided with a narrowing (5) with a drop (6), having a drop width b and drop height h, in which the partial drop width bl, in which the drop height is 75% of h, is at least 5 mm and at most 35 0 , 18 N + 0 , 7 d and with diameters which decrease with respect to the diameter ø of the screen roller, - and by tensioning the screen (1) in the unwinding direction by using a tensioning system.

IPC 8 full level
E06B 9/13 (2006.01); **E06B 9/171** (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP)
E06B 9/13 (2013.01); **E06B 9/171** (2013.01); **E06B 9/581** (2013.01)

Citation (search report)
• [I] FR 2886332 A1 20061201 - VERO DUCO NV [BE]
• [A] US 2007256799 A1 20071108 - LIN PAUL [TW]
• [A] DE 19949329 A1 20010419 - SEUSTER ADOLF GMBH [DE]
• [A] EP 0272733 A1 19880629 - COENRAETS BENOIT JAQUES

Cited by
IT201900001467A1; EP3109081A1; WO2017195087A1; US11359436B2

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2182161 A2 20100505; EP 2182161 A3 20130529; EP 2182161 B1 20140625; BE 1018258 A5 20100803; DK 2182161 T3 20141006;
ES 2504219 T3 20141008

DOCDB simple family (application)
EP 09174638 A 20091030; BE 200800592 A 20081031; DK 09174638 T 20091030; ES 09174638 T 20091030