

Title (en)  
Cable window for winches

Title (de)  
Seilfenster für Seilwinden

Title (fr)  
Fenêtre de câble pour treuils

Publication  
**EP 1035068 A3 20030305 (DE)**

Application  
**EP 00104309 A 20000302**

Priority  
DE 19911073 A 19990312

Abstract (en)  
[origin: EP1035068A2] The opening has a guide channel(5) for the cable and passes through the housing and at the end facing away from the winch is widened out to form an entry cone(6). The wall of the cone is curved inwards and has different radii(r1,r2) of curvature which are reduced in the direction of the cone opening(23). A tangent(22) of the wall curvature in the edge region of the opening lies at an angle( alpha ) of 30-90 degrees to the longitudinal centre axis(21) of the guide channel.

IPC 1-7  
**B66D 1/36**; **B66C 1/36**

IPC 8 full level  
**B66C 1/36** (2006.01); **B66D 1/36** (2006.01)

CPC (source: EP US)  
**B66D 1/36** (2013.01 - EP US)

Citation (search report)

- [X] US 1973446 A 19340911 - RESENQUIST BRER A E
- [X] GB 2061861 A 19810520 - AABACAS ENG CO LTD
- [XA] US 5863029 A 19990126 - FAENGER ALFRED [DE], et al
- [XA] DD 41908 A
- [A] US 3098639 A 19630723 - MENASHE BROMBERG
- [A] FR 1177481 A 19590424 - WILHELM STOHR SPEZIALFABRIK FU
- [A] US 2495039 A 19500117 - TUEL LEWIS F
- [A] US 4610134 A 19860909 - BUSCH DIETER [DE], et al

Cited by  
EP4177202A1; EP4177201A1; EP1847506A2; US8133591B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1035068 A2 20000913**; **EP 1035068 A3 20030305**; **EP 1035068 B1 20050810**; AT E301613 T1 20050815; CA 2300438 A1 20000912; CA 2300438 C 20080722; DE 19911073 A1 20000921; DE 19911073 C2 20030430; DE 50010895 D1 20050915; ES 2246197 T3 20060216; US 6471191 B1 20021029

DOCDB simple family (application)  
**EP 00104309 A 20000302**; AT 00104309 T 20000302; CA 2300438 A 20000310; DE 19911073 A 19990312; DE 50010895 T 20000302; ES 00104309 T 20000302; US 52273900 A 20000310