

Title (en)  
Pulley with pivoting side plate and integral clamp

Title (de)  
Scheibe mit Drehflansch und integrierter Klemme

Title (fr)  
Poulie à flasque pivotant et à bloqueur intégré

Publication  
**EP 0803268 B1 20030122 (FR)**

Application  
**EP 97410043 A 19970411**

Priority  
FR 9605463 A 19960425

Abstract (en)  
[origin: EP0803268A1] The pulley block, for use in lifting tackle, consists of a grooved roller (16) between two side plates (12,28). One plate can be opened for passing a rope round the pulley or removing it. Above the roller the pulley block has a locking element (21) with a spiked grooved surface (26) which allows the rope to run over the pulley in one direction but prevents it from running in the other. The locking element is mounted on a hollow pivot (18) which lies parallel to the pulley roller pivot (14). A spring clip can be passed through the hollow pivot and corresponding apertures (52) in the pulley block side plates, locking the second plate (28) in its closed position.

IPC 1-7  
**A62B 1/14**

IPC 8 full level  
**A62B 1/14** (2006.01); **B66D 3/04** (2006.01); **B66D 3/08** (2006.01); **B66D 3/10** (2006.01); **F16H 55/36** (2006.01)

CPC (source: EP US)  
**A62B 1/14** (2013.01 - EP US)

Cited by  
FR3140850A1; EP2407413A1; EP2756868A1; WO2024079336A1; FR3011475A1; CN102635679A; CN110371881A; IT202100025394A1; GB2518573A; GB2518573B; CN103816649A; EP3659675A3; FR3088828A1; FR2962724A1; CN102371034A; FR3000898A1; US10023208B2; US7419138B1; US9573002B2; TWI600848B; EP2735341A2; US9126062B2; WO2023057889A1; US9120654B2; US9289634B2

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DOCDB simple family (publication)  
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**EP 97410043 A 19970411**; AU 1903097 A 19970423; CZ 115897 A 19970416; DE 69718547 T 19970411; ES 97410043 T 19970411; FR 9605463 A 19960425; JP 10947297 A 19970425; RU 97107430 A 19970424; US 82640497 A 19970324