Title (en)

Fall arrest device with blocking catch

Title (de)

Fallschutzgerät mit sperrender Zuhaltung

Title (fr)

Dispositif antichute à galet bloqueur

Publication

EP 1525903 B1 20060823 (FR)

Application

EP 04354024 A 20040623

Priority

FR 0312247 A 20031020

Abstract (en)

[origin: EP1525903A1] A centrifugal coupling is arranged between a drive member of a locking roller and a support arm to occupy disengaged or engaged position. The centrifugal coupling has a flyweight movable along the arm of drive member against a tension spring, and a connecting interface engaged inside the cylindrical rim of support arm to transmit elastic force of spring to flyweight. The device (10) has a body (16) having a movable security system (18) with the support arm articulated on a first spindle (24) of the body. The locking roller, consists of a cylindrical wheel, is mounted to rotate freely on a second spindle attached to the support arm.

IPC 8 full level

A62B 1/14 (2006.01); **A62B 35/00** (2006.01); **A47L 3/04** (2006.01); **A62B 1/10** (2006.01); **A62B 1/16** (2006.01)

CPC (source: EP US)

A62B 1/10 (2013.01 - EP US); **A62B 1/14** (2013.01 - EP US)

Cited by

EP2754466A1; CN101850161A; FR2903318A1; FR3000900A1; EP2974775A1; FR3023726A1; US9533192B2; DE102021102673A1; FR3095952A1; US9498660B2; EP2754465A1; US9192792B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1525903 A1 20050427; **EP 1525903 B1 20060823**; AT E337051 T1 20060915; DE 602004002060 D1 20061005; DE 602004002060 T2 20070308; ES 2271818 T3 20070416; FR 2860982 A1 20050422; FR 2860982 B1 20060120; JP 2005125077 A 20050519; JP 4566643 B2 20101020; US 2005082115 A1 20050421; US 7137481 B2 20061121

DOCDB simple family (application)

EP 04354024 A 20040623; AT 04354024 T 20040623; DE 602004002060 T 20040623; ES 04354024 T 20040623; FR 0312247 A 20031020; JP 2004214485 A 20040722; US 88056704 A 20040701