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Uitvinders	David J. Kolacz , Robert W. Steingass

Aanvrager [Task Force Tips, Inc.](#)

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Classificaties (9), **Juridische gebeurtenissen**
(31)

Externe links: [Espacenet](#), [EP-register](#)

Spring-loaded car window breaker and retractable safety sheath

EP 1372787 B1

SAMENVATTING [beschikbaar in het Engels](#)

AFBEELDINGEN(6)



Fig. 1

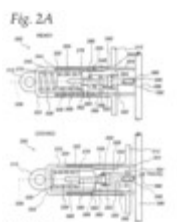


Fig. 2A

Fig. 2B

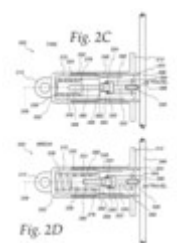
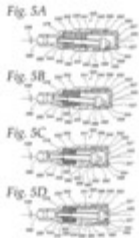
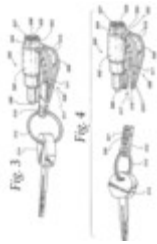


Fig. 2C

Fig. 2D



BESCHRIJVING [beschikbaar in het Engels](#)

CLAIMS⁽¹⁶⁾ [beschikbaar in het Engels](#)

CLASSIFICATIES

Internationale classificatie	B60R21/00 , B60R22/32 , A62B3/00 , A62B99/00
Coöperatieve classificatie	A62B3/005 , B60R22/32 , B60R2022/328
Europese classificatie	A62B3/00B , B60R22/32

JURIDISCHE GEBEURTENISSEN

Datum	Code	Gebeurtenis	Beschrijving
2 jan 2004	17P	Request for examination filed	Effective date: 20031017
2 jan 2004	AK	Designated contracting states:	Kind code of ref document: A1 Designated state(s): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
2 jan 2004	AX	Request for extension of the european patent to	Extension state: AL LT LV MK RO SI
2 feb 2005	AK	Designated contracting states:	Kind code of ref document: B1 Designated state(s): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Datum	Code	Gebeurtenis	Beschrijving
2 feb 2005	PG25	Lapsed in a contracting state announced via postgrant inform. from nat. office to epo	<p>Ref country code: LI Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050202</p> <p>Ref country code: CH Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050202</p> <p>Ref country code: FI Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050202</p> <p>Ref country code: BE Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050202</p> <p>Ref country code: AT Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050202</p> <p>Ref country code: TR Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050202</p>

Datum	Code	Gebeurtenis	Beschrijving
2 feb 2005	REG	Reference to a national code	Ref country code: GB Ref legal event code: FG4D
15 feb 2005	REG	Reference to a national code	Ref country code: CH Ref legal event code: EP
23 feb 2005	REG	Reference to a national code	Ref country code: IE Ref legal event code: FG4D
10 maart 2005	REF	Corresponds to:	Ref document number: 60202852 Country of ref document: DE Date of ref document: 20050310 Kind code of ref document: P
22 maart 2005	PG25	Lapsed in a contracting state announced via postgrant inform. from nat. office to epo	Ref country code: IE Free format text: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Effective date: 20050322 Ref country code: CY Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050322 Ref country code: LU Free format text: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Effective date: 20050322
31 maart 2005	PG25	Lapsed in a contracting state announced via postgrant inform. from nat. office to epo	Ref country code: MC Free format text: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Effective date: 20050331
2 mei 2005	PG25	Lapsed in a contracting state announced via postgrant inform. from nat. office to epo	Ref country code: GR Free format text: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050502 Ref country code: SE Free format text: LAPSE BECAUSE OF FAILURE TO

Datum	Code	Gebeurtenis	Beschrijving
			SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Effective date: 20050502
6 juni 2005	REG	Reference to a national code	Ref country code: DK Ref legal event code: T3
1 aug 2005	REG	Reference to a national code	Ref country code: ES Ref legal event code: FG2A Ref document number: 2237673 Country of ref document: ES Kind code of ref document: T3
15 aug 2005	REG	Reference to a national code	Ref country code: CH Ref legal event code: PL
29 dec 2005	REG	Reference to a national code	Ref country code: IE Ref legal event code: MM4A
25 jan 2006	26N	No opposition filed	Effective date: 20051103
3 feb 2006	ET	Fr: translation filed	
2 jan 2008	PG25	Lapsed in a contracting state announced via postgrant inform. from nat. office to epo	Ref country code: PT Free format text: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Effective date: 20050702
13 jan 2014	REG	Reference to a national code	Ref country code: DE Ref legal event code: R082 Ref document number: 60202852 Country of ref document: DE Representative=s name: KNH PATENTANWAELTE KAHLHOEFER NEUMANN ROESSLER, DE
22 jan 2014	REG	Reference to a national code	Ref country code: GB Ref legal event code: 732E Free format text: REGISTERED BETWEEN 20131230 AND 20131231
7 feb 2014	REG	Reference to a national code	Ref country code: FR Ref legal event code: TP Owner name: LAURENT COLASSE, US Effective date: 20140107

Datum	Code	Gebeurtenis	Beschrijving
12 feb 2014	REG	Reference to a national code	Ref country code: GB Ref legal event code: 732E Free format text: REGISTERED BETWEEN 20140116 AND 20140122
19 feb 2014	REG	Reference to a national code	Ref country code: NL Ref legal event code: SD Effective date: 20140211
20 feb 2014	REG	Reference to a national code	Ref country code: DE Ref legal event code: R082 Ref document number: 60202852 Country of ref document: DE Representative=s name: KNH PATENTANWAELTE KAHLHOEFER NEUMANN ROESSLER, DE Effective date: 20140113 Ref country code: DE Ref legal event code: R081 Ref document number: 60202852 Country of ref document: DE Owner name: COLASSE, LAURENT, US Free format text: FORMER OWNER: TASK FORCE TIPS, INC., VALPARAISO, US Effective date: 20140113 Ref country code: DE Ref legal event code: R081 Ref document number: 60202852 Country of ref document: DE Owner name: COLASSE, LAURENT, SANTA BARBARA, US Free format text: FORMER OWNER: TASK FORCE TIPS, INC., VALPARAISO, IND., US Effective date: 20140113
18 aug 2014	REG	Reference to a national code	Ref country code: ES Ref legal event code: PC2A Owner name: LAURENT COLASSE Effective date: 20140811

Datum	Code	Gebeurtenis	Beschrijving
25 april 2016	REG	Reference to a national code	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 15
23 jan 2017	REG	Reference to a national code	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 16
28 april 2017	PGFP	Postgrant: annual fees paid to national office	Ref country code: DE Payment date: 20170314 Year of fee payment: 16 Ref country code: FR Payment date: 20170123 Year of fee payment: 16 Ref country code: NL Payment date: 20170320 Year of fee payment: 16
31 mei 2017	PGFP	Postgrant: annual fees paid to national office	Ref country code: DK Payment date: 20170310 Year of fee payment: 16 Ref country code: GB Payment date: 20170322 Year of fee payment: 16
30 juni 2017	PGFP	Postgrant: annual fees paid to national office	Ref country code: ES Payment date: 20170214 Year of fee payment: 16 Ref country code: IT Payment date: 20170320 Year of fee payment: 16

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