

Title (en)
Buffer bollard

Title (de)
Pufferpoller

Title (fr)
Borne tampon

Publication
EP 1479826 A3 20051130 (EN)

Application
EP 04381013 A 20040514

Priority
ES 200301206 A 20030523

Abstract (en)
[origin: EP1479826A2] This consists of a bollard strictly speaking which is meant to constitute a separation between vehicle-accessible zones and areas reserved for pedestrians, having as essential nature the fact that this consists of a base for fixing to the ground and a part able to yield to a force with a transversal component. It is fitted with a spring and a buffer inside it, so that when the bollard is tilted, the pulling force of the spring recovers the verticality of the bollard gently without resilient or violent return movements. <??>It is usefully fitted with a soft or impact-absorbing casing. <??>For application in bollard-manufacturing. <IMAGE>

IPC 1-7
E01F 9/017

IPC 8 full level
E01F 9/627 (2016.01)

CPC (source: EP ES)
E01F 9/629 (2016.02 - EP ES)

Citation (search report)

- [XY] EP 0077313 A1 19830420 - LINDSKOG KJELL [SE], et al
- [Y] EP 1029985 A2 20000823 - WOLTERS N V [BE]
- [DYA] EP 1288373 A2 20030305 - ORTEGA FERRER EMILIO [ES]
- [Y] US 5500642 A 19960319 - BATTLE LARRY D [US]

Cited by
CN103175645A; US10022611B2; CN110777722A; KR102137138B1; US2012128416A1; US7699558B2; US8215865B2; US8277143B2; US8523479B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1479826 A2 20041124; EP 1479826 A3 20051130; ES 2238902 A1 20050901; ES 2238902 B1 20060901

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