

Title (en)
Buffer bollard

Title (de)
Pufferpoller

Title (fr)
Borne tampon

Publication
EP 1479826 A2 20041124 (EN)

Application
EP 04381013 A 20040514

Priority
ES 200301206 A 20030523

Abstract (en)
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 (applicant)
ES 1049981 A

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

Designated contracting state (EPC)
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