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Hinge

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Scharnier

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Application

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Priority

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Abstract (en)

[origin: US6360401B1] The present invention is directed to a hinge in which a fixed end of a leaf spring is inserted into a slot of a side wall of a cup-shaped hinge part near the bottom, the leaf spring encompassing with an opening, a cam or a protruding of the bottom of the cup-shaped hinge part. The hinge arm is slidably supported on a elastic end of the leaf spring by a tongue or cam bent out of its rolled end and encompassing the hinge axle, the elastic end located in a section of the bottom of the cup-shaped hinge part.

IPC 1-7

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IPC 8 full level

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US 6360401 B1 20020326; AT E242398 T1 20030615; BR 9906058 A 20001128; CN 1083049 C 20020417; CN 1250131 A 20000412; CZ 297918 B6 20070425; CZ 317899 A3 20000412; DE 29816727 U1 19981224; DE 59905809 D1 20030710; EP 0987394 A2 20000322; EP 0987394 A3 20000628; EP 0987394 B1 20030604; ES 2201609 T3 20040316; HK 1026725 A1 20001222; HU 220053 B 20011028; HU 9902856 D0 19991028; HU P9902856 A1 20001228; JP 2000145752 A 20000526; JP 3350487 B2 20021125; KR 100398806 B1 20030919; KR 20000023018 A 20000425; PL 192907 B1 20061229; PL 335358 A1 20000327; SI 0987394 T1 20030831; TW 392029 B 20000601

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