

Title (en)

OPERATOR'S ELEMENT FEATURING TILTING HAPTICS

Title (de)

BEDIENELEMENT MIT KIPPHAPTİK

Title (fr)

ELEMENT DE COMMANDE A SENSATION HAPTIQUE DE BASCULEMENT

Publication

EP 1966811 B1 20160504 (DE)

Application

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Priority

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Abstract (en)

[origin: WO2007009744A2] Disclosed is an operator's element (1, 13), especially a joystick, comprising tilting haptics for a motor vehicle, a tiltably mounted lever with a primary (2, 14) and at least one secondary (5, 10, 17) lever arm, and at least one pair of permanent magnets. One magnet of a pair of permanent magnets (6, 11, 18) is disposed on a secondary lever arm (5, 10, 17) while one magnet (7, 12, 19) is stationarily arranged in the operator's element such that non-identical poles of the magnets (6, 7, 11, 12, 18, 19) face each other at a distance from one another in the central position of the operator's element (1, 13).

IPC 8 full level

G05G 5/03 (2008.04); **G05G 5/05** (2006.01); **G05G 9/047** (2006.01); **H01H 3/50** (2006.01)

CPC (source: EP US)

G05G 5/03 (2013.01 - EP US); **G05G 5/05** (2013.01 - EP US); **G05G 2009/0477** (2013.01 - EP US); **H01H 2003/506** (2013.01 - EP US); **Y10T 74/20474** (2015.01 - EP US)

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