Title (en)
    Nipple for drinking vessels, especially for baby bottles

Title (de)
    Sauger für Trinkgefässe, insbesondere Säuglingsflaschen

Title (fr)
    Tétine pour récipient à boire, spécialement pour biberons

Publication
    EP 1681045 A1 20060719 (DE)

Application
    EP 06100050 A 20060103

Priority
    • EP 05405021 A 20050113
    • EP 06100050 A 20060103

Abstract (en)
    The teat (1) for a drinking vessel, especially for a baby's bottle, is made of elastic material with a nipple element (3) for holding in the mouth of an infant, and a slot arrangement in the region of the front end of the nipple element. To establish a preferred direction of bite (e) the nipple element is flattened, and the slot arrangement has a curved slot opening under pressure in the direction of bite, and closed in the pressure-less state, whereby the slot extends approximately in the direction of bite. The nipple element with regard to a principal middle axis (A1) is inclined at an angle (alpha).

IPC 8 full level
    A61J 11/00 (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP KR US)
    A61J 11/00 (2013.01 - KR); **A61J 11/0015** (2013.01 - EP US); **A61J 11/004** (2013.01 - EP US); **A61J 11/04** (2013.01 - KR);
    A61J 11/02 (2013.01 - EP US)

Citation (applicant)
    • US 4993568 A 19910219 - MORIFUJI YASUO [JP], et al
    • WO 03101261 A1 20031211 - JACKEL INT LTD [GB], et al

Citation (search report)
    • [XAY] WO 03101261 A1 20031211 - JACKEL INT LTD [GB], et al
    • [Y] CH 688910 A5 19980529 - DANIEL ALTERMATT [CH]
    • [Y] US 3139064 A 19640630 - JEAN-LOUIS HARLE GUY
    • [Y] US 2223179 A 19401126 - VICTOR LOUGHEED
    • [A] FR 2446632 A1 19800814 - GRASSET JOSEPH
    • [A] GB 2102398 A 19830202 - OTK KESKUSOSUUSLIIKI [FI]

Cited by
    WO2022122879A1; EP4011350A1; CH699971A1; EP2950772A4

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

DOCDB simple family (publication)
    EP 1681045 A1 20060719; **EP 1681045 B1 20090506**; JP 2006192273 A 20060727; KR 20060082798 A 20060719; TW 200630081 A 20060901;
    US 2006175278 A1 20060810; US 7637383 B2 20091229

DOCDB simple family (application)
    EP 06100050 A 20060103; JP 2006004544 A 20060112; KR 20060002686 A 20060110; TW 95101139 A 20060112; US 32939206 A 20060111