

Title (en)
A homogenization valve

Title (de)
Homogenisierungsventil

Title (fr)
Soupape d'homogénéisation

Publication
EP 1195190 B1 20060823 (EN)

Application
EP 00830652 A 20001005

Priority
EP 00830652 A 20001005

Abstract (en)
[origin: EP1195190A1] The invention relates to a homogenization valve comprising an inlet conduit (1) for the product to be homogenized and an outlet zone (5) for the product when homogenized, the inlet conduit (1) being located upstream and the outlet zone (5) being located downstream of the outlet aperture (2) of the valve; the valve comprising a seating (3) and an obturator (4). The seating (3) and obturator (4) of the valve face one another at an annular surface inside which ends (6a) of conduits (6) open out, each of which conduits (6) is connected to the inlet conduit (1). The outlet aperture (2) of the valve develops both along an external circumference (2a) and an internal circumference (2b) of the annular surface; a cavity (7) is afforded, into which the outlet aperture (2) of the valve opens, which outlet aperture (2) develops along the internal circumference (2b) and is connected to the outlet zone (5) by holes (8). <IMAGE>

IPC 8 full level
B01F 5/06 (2006.01)

CPC (source: EP)
B01F 25/4412 (2022.01)

Cited by
ITPR20090023A1; CN110538626A; WO2014006155A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1195190 A1 20020410; EP 1195190 B1 20060823; AT E337083 T1 20060915; DE 60030290 D1 20061005; DE 60030290 T2 20070823; DK 1195190 T3 20061113; ES 2267488 T3 20070316

DOCDB simple family (application)
EP 00830652 A 20001005; AT 00830652 T 20001005; DE 60030290 T 20001005; DK 00830652 T 20001005; ES 00830652 T 20001005