

Title (en)
CENTRIFUGAL SEPARATOR

Title (de)
ZENTRIFUGALABSCHEIDER

Title (fr)
SÉPARATEUR CENTRIFUGE

Publication
EP 3338897 A1 20180627 (EN)

Application
EP 16205429 A 20161220

Priority
EP 16205429 A 20161220

Abstract (en)
A centrifugal separator comprising, a centrifugal rotor (4), a rotatable spindle (1) to which said centrifugal rotor (4) is fixedly attached, a stationary frame member (7), at least one bearing (3) journaling said spindle (1) in said stationary frame member (7), a support device (6) which comprises a bearing holder (9), directly supporting said bearing (3). The bearing holder (9) is connected to the stationary frame member (7) by a ring-formed elastic support member (8) having an inner ring-formed part (8a) connected to said bearing holder (9) and an outer ring-formed part (8b) connected to said stationary frame member (7) thus forming an elastic connection between said bearing holder (9) and said frame member (7).

IPC 8 full level
B04B 9/12 (2006.01)

CPC (source: EP)
B04B 9/12 (2013.01)

Citation (applicant)
• WO 8910794 A1 19891116 - ALFA LAVAL SEPARATION AB [SE]
• WO 9946052 A1 19990916 - ALFA LAVAL AB [SE], et al

Citation (search report)
• [XA] WO 8001248 A1 19800626 - WESTERN STATES MACHINE CO [US]
• [X] WO 9942221 A1 19990826 - ALFA LAVAL AB [SE], et al
• [X] GB 806821 A 19581231 - BROADBENT & SONS LTD THOMAS

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 3338897 A1 20180627; EP 3338897 B1 20190724; CN 110062661 A 20190726; CN 110062661 B 20210420; WO 2018114833 A1 20180628

DOCDB simple family (application)
EP 16205429 A 20161220; CN 201780078726 A 20171218; EP 2017083363 W 20171218