

Title (en)
SEPARATOR ARRANGEMENT

Title (de)
SEPARATORANORDNUNG

Title (fr)
ARRANGEMENT DE SÉPARATEUR

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EP 13714233 A 20130322

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Abstract (en)
[origin: WO2013143985A2] The invention relates to a separator arrangement, comprising a) a drum (1) with a vertical axis (D), said drum being rotatably mounted in a hooded area (6) and being placed on a rotatable drive spindle (3), and b) a drive area (15) which contains one or more or all of the components of a separator drive (23) and which has c) a sealed drive area (15) design, wherein d) at least one device which generates negative pressure, in particular a pump (14a, b, c...), is provided in order to generate negative pressure in the sealed drive area (15) relative to the surroundings (U) outside of the drive area (15).

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Citation (examination)
WO 2010101524 A2 20100910 - ALFA LAVAL CORP AB [SE], et al

Citation (opposition)
Opponent : Alfa Laval Corporate AB
• WO 2010101524 A2 20100910 - ALFA LAVAL CORP AB [SE], et al
• EP 0411261 A1 19910206 - WESTFALIA SEPARATOR AG [DE]
• JP H03258359 A 19911118 - HITACHI KOKI KK
• EP 2196266 A2 20100616 - GEA WESTFALIA SEPARATOR GMBH [DE]
• "Operators Manual Tetra Centri® AirTight Separator", TETRA PAK PROCESSING COMPONENTS, October 2011 (2011-10-01), pages 1 - 5 , 30-31, 38 , 55-56 , 68-70, and 81, XP055555029
• "New generation energy saving separators", TETRA CENTRI® AIRTIGHT ECO, October 2009 (2009-10-01), XP055555033
• "Tetra Pak launches Tetra Pak Launches Hermetic Direct Driven Dairy Separator", FOOD INGREDIENTS 1ST, 20 October 2009 (2009-10-20), XP055555040

Opponent : Alfa Laval Mid Europe GmbH
• EP 2830777 A2 20150204 - GEA MECHANICAL EQUIPMENT GMBH [DE]
• WO 2010101524 A2 20100910 - ALFA LAVAL CORP AB [SE], et al
• EP 0411261 A1 19910206 - WESTFALIA SEPARATOR AG [DE]
• JP H03258359 A 19911118 - HITACHI KOKI KK
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