

Title (en)
PRESSURE RELEASE BURSTING DISC

Title (de)
DRUCKENTLASTUNGSBERSTSCHEIBE

Title (fr)
DISQUE DE DECOMPRESSION DE SURETE

Publication
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Application
EP 01980065 A 20011002

Priority
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• CA 2321939 A 20001002

Abstract (en)
[origin: WO0229296A1] This invention is a reverse buckling rupture disc (12) having a mounting flange (20) and a pressure rupturable member (24) where the rupturable member has a one piece rupture disc with a pair of dome shaped members (22,24) projecting outwardly from the flange and where both domes are lying in the same axial orientation. The first dome shaped member (22) comprises a lower, generally arcuately shaped, wall extending in the axial direction in an arcuately and inwardly oriented configuration. The second upper dome shaped member (24) is comprised by a second arcuately shaped and inwardly extending wall which has a diameter less than that of the first dome shaped member and where the second arcuately shaped wall extends from the first arcuately shaped wall. The rupture disc assembly has a support ring adapted to support the rupture by a central aperture and means adapted to initiate a tear in said rupture disc.

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