

Title (en)
DOWNHOLE EXPANDABLE TUBULAR ASSEMBLY

Title (de)
AUFWEITBARE BOHRLOCH-ROHRANORDNUNG

Title (fr)
ENSEMble TUBULAIRE EXTENSIBLE DE FOND DE TROU

Publication
EP 4290047 A1 20231213 (EN)

Application
EP 22178397 A 20220610

Priority
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Abstract (en)

The present invention relates to a downhole expandable tubular assembly, such as a patch, having a longitudinal axis, to be expanded in a well downhole to abut an inner face of a casing or a borehole, the downhole expandable tubular assembly having an unexpanded condition and an expanded condition, and comprising a tubular part comprising an outer face and an inner face, and a sealing arrangement comprising a sealing compound arranged on the outer face facing the inner face, wherein the sealing arrangement further comprises an expandable tubular network. The invention further relates to a downhole system comprising a setting tool supporting the downhole expandable tubular assembly.

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Citation (search report)

- [XYI] EP 2586963 A1 20130501 - WELLTEC AS [DK]
- [XY] EP 3420183 A1 20190102 - ISEALATE AS [NO]
- [A] EP 2952672 A1 20151209 - WELLTEC AS [DK]
- [A] WO 2018102196 A1 20180607 - TERVES INC [US]
- [A] WO 2011147021 A1 20111201 - KRAHN PETER KARL [CA]

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