

Title (en)

CAST-IN TUNNEL GASKET AND JOINING METHOD

Title (de)

EINGEGOSSENE TUNNELDICHTUNG UND VERBINDUNGSVERFAHREN

Title (fr)

GARNITURE MOULÉE POUR TUNNEL ET PROCÉDÉ D'ASSEMBLAGE

Publication

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Application

EP 17704526 A 20170130

Priority

- GB 201601753 A 20160201
- GB 201611217 A 20160628
- GB 2017050226 W 20170130

Abstract (en)

[origin: GB2541978A] A tunnel segment gasket 1' comprising a shaped profile 3' having at least two anchoring legs 5' for casting in to a tunnel segment 6'; a plurality of longitudinally extending bores 7'; a shot film joint 43' and a strengthening element 4' at the base (figure 3, 9) of the gasket 1'. In an alternative embodiment, a method of forming a tunnel segment gasket joint is provided. This is achieved by extruding a first tunnel segment gasket through a first cutting guide (figure 13, 30) and extruding a second tunnel segment gasket through a second cutting guide (figure 13, 35). Then, cutting an angled end of both the first and second tunnel segment gasket and finally providing a thin elastomeric film between the angled ends of the first and second tunnel gasket to form a joint. Optionally, the strengthening element is a rhombus shape having a center line parallel to the shot film joint.

IPC 8 full level

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CPC (source: EP GB)

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