

Title (en)
Barrier means for intraoral radiography.

Title (de)
Schutzmittel für intraorale Radiographie.

Title (fr)
Moyens de protection pour radiographie intraorale.

Publication
EP 0363092 A2 19900411 (EN)

Application
EP 89309947 A 19890929

Priority
US 25399688 A 19881005

Abstract (en)
In oral radiography, there is a risk of cross-contamination as a result of inserting and removing dental x-ray packets from a patient's mouth. It is desired that the risk of cross-contamination be reduced. Described herein is an arrangement in which a dental x-ray film packet (28) is inserted into a disposable envelope (10) prior to insertion into the patient's mouth. The envelope (10) comprises a pair of flat, substantially rectangular wall members (12, 13) which are joined together along three adjacent edges by means of a heat seal (14). After the x-ray packet has been inserted into the envelope (10), flaps (18, 20) are sealed by means of an adhesive layer (26) applied to at least one of the flaps (18, 20). Once the x-ray packet has been exposed, it can be removed from the patient's mouth and then from its envelope (10) prior to normal processing and development. The presence of the envelope (10) around the packet (28) during exposure prevents contamination of the packet (28) itself by saliva-borne microorganisms.

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CPC (source: EP)
G03C 3/003 (2013.01)

Cited by
US7270237B2; US5466561A; DE19630378A1; DE4446247A1; US5887213A; US5395681A; EP0603680A3; US2011182406A1; US9384864B2; EP3220197A1; US9668709B2; WO9620428A1; US11073625B2; US12019194B2; EP0667002B1; EP2252914B1

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