



Office de la Propriété
Intellectuelle
du Canada

Un organisme
d'Industrie Canada

Canadian
Intellectual Property
Office

An agency of
Industry Canada

CA 2260479 C 2005/09/27

(11)(21) **2 260 479**

(12) **BREVET CANADIEN
CANADIAN PATENT**

(13) **C**

(22) Date de dépôt/Filing Date: 1999/01/28

(41) Mise à la disp. pub./Open to Public Insp.: 1999/08/11

(45) Date de délivrance/Issue Date: 2005/09/27

(30) Priorité/Priority: 1998/02/11 (9802950.7) GB

(51) Cl.Int.⁷/Int.Cl.⁷ C09D 175/04, C23F 11/14, C23F 11/12,
C09D 175/02, C09D 163/02, C09D 163/00, F16L 58/10

(72) Inventeur/Inventor:
ROBINSON, IAN, GB

(73) Propriétaire/Owner:
E. WOOD LIMITED, GB

(74) Agent: SMART & BIGGAR

(54) Titre : NOUVEAU REVETEMENT POUR PIPELINE, RESERVOIR ET STRUCTURE EN ACIER

(54) Title: NEW COATING FOR PIPELINES, TANKS AND STRUCTURAL STEELWORK

(57) **Abrégé/Abstract:**

A two-part coating system comprises a first part comprising a blend of an aliphatic polyisocyanate with a non-reactive resin or a liquid epoxide resin and a second part comprising an aromatic polyamine, such that the two parts when mixed together and applied to a surface form a rapid-setting impervious coating. The coating system is suitable for application by spraying using equipment in which the two parts of the system are first combined at the point of spraying, at the spray head. In particular the system may be used to apply an impermeable lining to the internal surfaces of pipelines, for example by means of a centrifugal spinning head.



