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A New Bovine Foot Rot Vaccine

» Reference Number

154.1

» Background

A new vaccine has been developed against Bovine Foot Rot (Acute Interdigital Phlegmon.) This disease is the second most frequently occurring disease in feedlots and affects dairy cattle, feedlot steers, and pastured beef animals. The disease has a rapid onset and can cause permanent lameness with severe economic consequences.

» Areas of Application

- Vaccination of agricultural cattle to prevent the occurrence of this disease
- Vaccination of other animals susceptible to this disease or its causative agents
- Development of more effective treatment or possibly prevention of Bovine Foot Rot

» Competitive Advantages

- Simple and convenient vaccinations instead of lengthy and/or expensive antibiotic treatments
- Does not cause long withdrawal periods as seen with antibiotic treatments
- No environmental concerns, such as those associated with other preventative measures
- More effective than the current commercial vaccines based on *Fusobacterium necrophorum*

» Stage of Development

- Tested on a laboratory scale and in limited large animal studies

» Intellectual Property Status

U.S. Patent Application filed

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