

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE EXTENDING PATENT TERM
UNDER 35 U.S.C. 156

Patent No. : 4,080,458
Dated : March 21, 1978
Inventor(s) : Hans-Eckart Radunz et al
Patent Owner : Merck Patent Gesellschaft
mit beschränkter Haftung

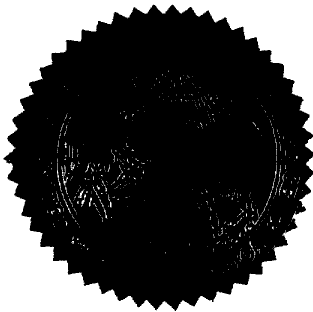
This is to certify that there has been presented to the

COMMISSIONER OF PATENTS AND TRADEMARKS

an application under 35 U.S.C. 156 for an extension of the patent term. Since it appears that the requirements of the law have been met, this certificate extends the term of the patent for the period of

3 YEARS

with all rights pertaining thereto as provided by 35 USC 156 (b).



I have caused the seal of the Patent and Trademark Office to be affixed this 8th day of February, 1991.

A handwritten signature in cursive script, reading "Harry F. Manbeck, Jr.", written over the typed name.

Harry F. Manbeck, Jr.
Assistant Secretary and Commissioner
of Patents and Trademarks