

SYNONYM RELATION DETERMINATION DEVICE,
SYNONYM RELATION DETERMINATION METHOD, AND PROGRAM THEREOF

ABSTRACT

A synonym relation determination device comprises: a synonym expression candidate storage
5 unit which associates and stores a synonym candidate (EW) with the synonym source (OW); a
text gathering unit which associates and gathers text with an issuing time; a synonym candidate
search unit which calculates from the issuing time of the text a time interval (PD) in which the
synonym candidate is searched in a text set (TX); a synonym source search unit which searches
for a synonym source from the text set of a period which overlaps with the time interval in
10 which the synonym candidate is searched for and calculates an occurrence of the synonym
source; and synonym relation extraction unit which, when the occurrence of the synonym
source is present in the time interval in which the synonym candidate is searched for, extracts a
synonym relation between the synonym candidate and the synonym source.

Figure 1